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<222> (249)..(249)

<223> n=unknown

<220>

<221> misc_feature

<222> (393)..(409)

<223> n=unknown

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taagtccttt ccatggatca ttccttctgt aaacagagat cacaaagcaa gagcttcagc   180

atcctcgtga aaaagacatt ttgttctggg tgtcatcatc tccttccact acagcttgca   240

attggaacna gcttcacatc ctggggggtgc tgcctatctc tgtcttgatt tctgtctgtc   300

tattcctccc attgacagga atgtcgtttg tatcctccac gcagcagttt gcagaaatcc   360

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ttttaaaaa   429

<210> 639

<211> 479

<212> DNA

<213> homo sapiens

<400> 639
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cctggggggca agcgaggttt cagggtcact tggggtgtgc agagccaagc tgtgacccta   120

gtgccgtgtt acttggcaga agccctgcct gttcccacat ctgtaaagtt aggcatttgg   180

ggtgctccat cgtgagcctc cttcctgctc taacattcag cgtgggtttg aggcccgtgg   240

gcatggagct gtccgtcacc cttgtcagtc gggcacctcg tcctgggctc ccaggtggag   300

gtctctggaa gcccttgctg agctgggctg ggagctcctt tgccctgacc ttgttgttgc   360

cgttgacctc cttcatggga gcatctggtc ttgactgggg cagccaccag cacatgaggc   420

tcccgtcttg gaagcagggg gcacactggt gtgtgggaac tggcttaagg ccctgcttc   479

<210> 640

<211> 539

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (532)..(532)

<223> n=unknown

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agtgtagctt gaacaggagc ttgaccgtgt agtggtagag gtggctgcag tcctggatga   180

cctggatgag gggggccagg cggcactggc ctgaggacat ctgggatacg gcgatggccg   240

tgttgagctg tcggaaaact gtgcaaaagg ggcaggagga agaacgtgag cccttgggag   300

ctgggcaacc tgtccaaggt ggtccaactg tgaagcaggg ccctaagcca gctcccacac   360

accagtgtgc cccctgcctc caagacggga gcctcatgtg ctggtggctg ccccaggtca   420

agaccagatg ctcccatgaa ggaggtcaac ggcaacaaca aggtcagggc aaaggagctt   480

cccagcccag ctcagcaagg ggttccagag accttccaac ctgggagccc anggaacga   539

<210> 641

<211> 383

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (97)..(97)

<223> n=unknown

<400> 641
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cttcgcggcg tggagacgag ataacacgga agccagngga ggtctgaagc ctgagtatga   120

tgcggtggtg ataggagcag gacacaacgg actggtggct gcagcgtacc tgcagagact   180

ggggggtgaac accgccgtct tcgagaggcg ccatgtgatc ggggggtgcag ctgtcactga   240

ggagttcatc ccagggttta agttctcccg tgcgtcctac ctgctcagcc tgctgaggcc   300

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tactccttca accccatgct gga   383

<210> 642

<211> 514

<212> DNA

<213> homo sapiens

<400> 642
gaggcatggg cataaggtca acttgcacta aatgtaactc gtacgttttt tctaaaataa   60

tttcttgagc attgtggtgg ccttatgtac taacccgaag ctgaacttcc tgggaagctg   120

atccaatgga gcacttggaa ttcaggggtg gagtcttctt cctgggtcag agctggttca   180

gggtcacatg ctcttgaggt ccctaaaggc cacatgtgct gcatttcgcc cagcagctcc   240

catcacacct cctccaggat gagccccact tccacagaga tacaggccct ggagagggca   300

gcggtagcca gaatgcaggg gcacggggcg ggtgaagtag agctggtcca gggacatggc   360

gcagtggaat atgttccctc caggaagccc gaagattctc tccaaatctg gtggtgtgag   420

gatgtctctg ccaaccacag agtccttgaa gccaggggca tagacctcga tgcaatcgaa   480

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<210> 643

<211> 241

<212> DNA

<213> homo sapiens

503

<220>

<221> misc_feature

<222> (45)..(45)

<223> n=unknown

<400> 643
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ggtgtatggt tagtattttg gaagtgtcta gtcgaggtgc tagaataaag ggatataaaa   120

tttgcaaagc tggacaaata aaagtcattg gaggcaagta gagatgggaa aaaattcaga   180

acagcagaat gaatcattct acttccatca tgctatactg ataatttaa tttgcttgca   240

t   241

<210> 644

<211> 500

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (368)..(478)

<223> n=unknown

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gagaaattgt ttcaattctg aatttactcg catattccta ttagctgtta ctgatctaaa   120

acatctcctt aaatccaaaa caaaacaata gttacaagtt cactgatgtt ttcatgggca   180

ctcacccaag taatgtccaa acaatatttt tccatgtccc ccctcccca gaacacacac   240

aggcaaaggc agagatgttt actgtgaggt cacatggcat gaagcaaatg cagccttatc   300

tgtttattat tacaacagcc agttagcatt ggcaaatgtg ctttggttac aaacatggtt   360

tctgctanta atttcatgna gnagctttta ggatatgtga ccatttattc ttagtataat   420

cnatcnttgn aggntaaaaa tcagagtata aaagtttata ctctggcnaa tataaatnca   480

504

tgcacagaag tttctgacag   500

<210> 645

<211> 290

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (186)..(186)

<223> n=unknown

<400> 645
aaaacaataa atttatagta aatgtggtat taaatgatac catagtgatt caagatatag   60

ttgaagaact attaattctt aagtataata aaggtataaa ggtattgatc ttacatttat   120

aaaataagac cttatttctt agagatacat actgaagtat tacagaagaa attacatatc   180

tgagangga gggcagcgta tggatgaaat aagactagag atgaattgat aatggctgaa   240

gctaggtgtt gagtacatga gagttcatta tagcatttct ctactttgt   290

<210> 646

<211> 556

<212> DNA

<213> homo sapiens

<400> 646
aggacgataa atgattccat gtggataggg cataacatac agagaatgag actatgccag   60

aaatgggagg aggcatttga aacaacatga gtatctcagg gacagatgga ttgattctgc   120

tattggtagg cctggaaggc aaggtcagaa gtagcaaaaa atggatacca aaagcactat   180

tagtcaccca agctaagtgg aatagctggc ccagtaggag aaatgcaggt tttgctctac   240

actaagttct ccaactcttg ataagcctcc aaaaacaaat gttaggggaa aaaaacgcag   300

ctggttatga aaagatatat ctcatttcat taaaaaatca atgtcaatgc tgttaataga   360

atcctttat cttcaggaca gaggcaatgc cctaaacaaa caccagctca agagcctctg   420

atgccaacct agagggtacc caaacacaaa cttagcatag aggtaagaat ctctatgtct   480

                                        505

tttggtggag gcaaagccat ttggttggta cttcacaggg acatctttct accaagtctt   540

catcatatgg gatgtg   556

<210>   647

<211>   438

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (126)..(126)

<223>   n=unknown

<400>   647
agcacagata atggtaagtt taattagtta cctttatgtt gacagctgta aaatatcaga   60

aatgtgcttg atacttttaa gaattttaat aatttccttt gtcctgttcc tcactacatt   120

cagagncact tctggattaa ttcatttgac ttacagggca tgtactttgt ctcctctgtg   180

ctgctgatcc gaatgagtat gcctttagaa taccgcacca taatcactga agtccttgga   240

gaactgcagt tcaacttcta tcaccgttgg tttgatgtga tcttcctggt cagcgctctc   300

tctagcatac tcttcctcta tttggctcac aaacaggcac cagagaagca aatggcacct   360

tgaacttaag cctactacag actgttagag gccagtggtt tcaaatttga tataagaggg   420

gggaaaaatg gaaccagg   438

<210>   648

<211>   534

<212>   DNA

<213>   homo sapiens

<400>   648
tgagaagcag tgtttgacac ccttctcccc caatccagcc atcccccaag tctgagttag   60

gtatttctct tctgtattcc catagcacag tgtaattccc ctataatagc atgtatcacc   120

ttgaattatg ggtgtttatt gttctgtctc tcctgttaga acgaaagctc catgaaggga   180

506

ttgtcatttt attcaccagt gtaccctcta tgcccagcac aacttttggt catattaaac   240

aaagaatgaa taaataaatc caagagcata ggaggaggag catccaaatg agcctgaaaa   300

attagagaaa tatttgtagt agtatgtgat atcttagctg agcttaacaa gtataatgag   360

atcaagagtt tggattgaaa atgaggtact caggaataaa cgatttctga ggtctctaag   420

atattataaa actttattga aagatctaag aaaatttaat gaaacacatt gtccttatta   480

atctataaat atagttttaa ttaaaattct cccatctggg gcctcccaaa acac   534

<210> 649

<211> 502

<212> DNA

<213> homo sapiens

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<222> (198)..(261)

<223> n=unknown

<220>

<221> misc_feature

<222> (408)..(408)

<223> n=unknown

<400> 649
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aatttccttt tattgctagt ttgttgtaaa tttttatcat gagaatgttt aaaatgtgtc   120

aattttcctg ttgagaggat tatattgtct ttgtcagggg ttagtaccag gtttaccagc   180

ctcaaaaaat gaactggnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   240

nnnnnnnnnn nnnnnnnnnn naattaaaac tatatttata gattaataag gacaatgtgt   300

ttcattaaat tttcttagat ctttcaataa agttttataa tatcttagag acctcagaaa   360

tcgtttattc ctgagtacct cattttcaat ccaaactctt gatctcanta tacttgttaa   420

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gatgctcctc cctcctatgg ct   502

<210> 650

<211> 408

<212> DNA

<213> homo sapiens

<400> 650
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tgccattccc attagggtct ttgaccttgg ccattgctct ttgacttttt tctggctgta   120

ccgaggttta ggggagttgt agatatttgc ctgaaaacct agtaccatgg tctttggctc   180

gggtgcctga gagacccgat tcaaatcaca ttgtgcgagt gttctagagt gagggccggt   240

gggggggaat gtaaccggaa atgccggcag gacttctggg gccgggataa gtgggatgtt   300

cgtttgatta gatgcctccc ttctggttcc tgcgttgccc accagtgtcc cctcgaggga   360

cagtgacgcc atcagcctgc ctggcagcca atgtgacccc tgccacca   408

<210> 651

<211> 457

<212> DNA

<213> homo sapiens

<400> 651
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aggccttttt aagaccacct gttctaaaag caaatctaca ataagaatgc aaccaagcca   120

ggccgcactc cccgctgagc acacgcctgg aagcacgttc tagatcctgc acccatctcg   180

tctgcctcca gccagggccc tggctcgcca gcctttggtc tcgaactttg tttctgagaa   240

cacagcagac atacagggtg ctgggagagg acaaggaagc cagcccctag agcagcaggt   300

gctcaccggg ccgcccacca cactgaggcc acgccagctg gaccagcccc tccagggccc   360

ctgcgcttgg cacccggcgc ccagccagct cttggttccc gtgagcactg tgtgcactca   420

tttcatggcc tgtttatctg cccaaccaag aaaacag   457

<210> 652

<211> 439

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (4)..(4)

<223> n=unknown

<220>

<221> misc_feature

<222> (242)..(437)

<223> n=unknown

<400> 652
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aattttgtta tatatcattt tatgaacaaa attacattat aatatgtgta ctgttacaag     120

gagtatgttt tgctttgcag gggtataatt tagactgctt tttattgtgt atagggggag     180

gttgtcttgg gaataaggga agattgtaaa atgtattcag accttgggat tttaaaaata     240

tntatatttt ttatntantg aaaaatgcnt aatatcaaat aaaatgatga ttctttcatt     300

aatgaagggt agaatacatt agaaaaaaca taaagataat actaatgntn aaattaggac     360

tttggctatg aacatggcta tttaaaagct canctttttg gnaattatgc aaatgtaaca     420

ggaaaaaaaa aaaaaangg                                                  439
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<210> 653

<211> 493

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (123)..(123)

<223> n=unknown

509

<220>

<221> misc_feature

<222> (460)..(460)

<223> n=unknown

<400> 653
gcagaaaatg tcagcagtgc tgaggctgag aagtcgtggc ctgaactacc ctctgccttc   60

tagatccaca cacagtgttc acatgggtga gactcccctc taggtgtccc ctcttttttc   120

tantttaaaa tttgtttttaa attcaacttt acagcagtaa tcccaagagt tttaaatagc   180

aattatttgt catgcttaat taactcctaa catgatctgt gtgcacctgt acacattttt   240

cagctaattg caaatcatac tgaatacatt atgttctccc atatataaaa attcatgcat   300

gagcaaagca ttttgaacat ccatgaaaaa ccccatggcg ggcctgcatg gtgtggtttg   360

ctaaggcatc ccttggttga taggattcgt ttaaaggtcc tcctagtata gagtgcaatg   420

cgataaacat ttatcttttc ttacctttgt cctgtctctn tggggctgtt ttcaaaagtg   480

gaattgctgg tca   493

<210> 654

<211> 374

<212> DNA

<213> homo sapiens

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<222> (41)..(47)

<223> n=unknown

<220>

<221> misc_feature

<222> (290)..(325)

<223> n=unknown

<400> 654
ctgaatcgtg tgactgcagc aggtgtggtg ctctacagag naccatntcc cagggctctc   60

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cttttttttt ctttcagttt tcctcattta attatttttta ttccatgaat ttaagaccct   180

agatcttcat gtaaatgtgc tctttgagct tcttaactgg tctttcctat cagcagaagg   240

cgatgtcttg tgctaaaatc tcagtgtcaa ttcagtgatt taactaccan ggctttactt   300

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tgatcaacca tgaa   374

<210> 655

<211> 340

<212> DNA

<213> homo sapiens

<400> 655
ctgggatcct ctgcagcttt gatcctgctc ttaggaaaat gctggaggcc tggtggggggg   60

tgctgtgtgt ccactgtccg acctgccttg gtgccctggc ttctcctccc atgctgcgtc   120

tggctgtgcc acttccccaa gccagcaaag tctggtctga gagcataaag gatacggagg   180

ctggacttcc cctggccagc ctgtggacca ctgggggggct gcttcccatg cagtttgagt   240

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<210> 656

<211> 316

<212> DNA

<213> homo sapiens

<400> 656
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ctgctgtcct ggtgcaggag cacaggcgct ggtcagtctt ggggagctca gattccaccc   120

agaatgggca ggggaagggg actgggctga agccccattc ggagctgtgt cattcccact   180

cacaaagccc aagggcgtgc caggccaagt gctaagaagc cagtatctat ggctggagcc   240

511

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aggggacatg agcagtgccc cagatcacag gcacgaggac agttggccct gtagggcaag      300

gcatctgctg acatct                                                      316


<210>   657

<211>   540

<212>   DNA

<213>   homo sapiens


<400>   657
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gcacaggttg gggaagggga cttaatgggg ttatgtaatt tgcatgaaaa tcacagaacc      120

tgaagtggtg ggtgagattc aaatgccttg gagctaagag cttggattca gtacttaata      180

ataacttgct gtgacaatct cagaaagaat ccaaatgtca gagccaaatt aaccagcaaa      240

aaagacagat ggaagttttt cgtcctcgct tagctcatag tcttgaaaca cagccctctg      300

gttttcacct gcctggaaca tcacagttgg tggcaggaga cggtaggtgg aagggccga       360

ggaccggggg gcctggtcag gtgtgaggtg gcggcgggaa cgtgccctta acgctgctcc      420

gtcccttcca gatctggcag gggatcgaca ttgagaccaa gatgcacgtc cgcttcctta      480

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<210>   658

<211>   456

<212>   DNA

<213>   homo sapiens


<400>   658
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ccctcgggtc cacgtcagct ggaagggaga cacctgggat cacagagggg cagctggggt      120

ggggctggag ccaagaggca gtgatgggca gctgaccact ccctcagaca ggagctggcc      180

catgcccctg ccatcctctc tgctcaactc tctaccacat gtcacagctg catcgcaag       240

ctaggggaaa tagctggacc atgcacgatt gtaaagaaga cattcagctg ttactatctg      300

taaatgatat gatgacagaa aaccccgaaa ttcacaggta aatcatcatc ataggagtgt      360

ggaagctgct ggtacaaaat gagtcaaggg aaggcgtgaa gaagtctcga agacctgcct      420

gtagcagaac tcaccccaga accctcgggg atgcga                                456
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512

<210> 659

<211> 540

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (481)..(481)

<223> n=unknown

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ttaaaaggca aagaagtcca tgtaagctgc tctagaacga agttcacagg tcacagcagc   120

tcctggcagg aggcagtact gttcaccgca ggagtggccg tcactgggcg ggcgccctcg   180

tcgcagtccc gagggttctg gggtgagttc tgctacaggc aggtcttcga gagcttcttc   240

acggcctccc ctgactcatt ttgtaccagc agcttccaca ctcctatgat gatgatttac   300

ctgtgaattt cggggttttc tgtcatcata tcatttacag atagtaacag ctgaatgtct   360

tctttacaat cgtgcatggt ccagctattt cccctagctt gcgatgccag ctgtgacatg   420

tggtagagag ttgaacagag aggatggcag gggcatgggc cagctcctgt ctgagggagt   480

ngtcagctgc ccatcactgc ctctttggct tccagcccca accccagctt gcccctctgt   540

<210> 660

<211> 417

<212> DNA

<213> homo sapiens

<400> 660
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caaaaaagcc tgcaactttc cgttgtggaa aataatatac ctgggtgata aactgagcaa   120

acatcaccct tgcccttgcc tctgaaagag agcctgttct agttcatcct ggggccagct   180

tggcctggaa ccccactggc cagctctgtc cacaccttgc atattaggac agaaatctgc   240

513

ctaccacatt ccagctacat aaagaaggtg gccagcacct gactgcctct ttctccttgt   300

gaaattcctt ggaaatacca tttgtgactg cttgggcttg ttctgaagaa aattcaaatc   360

ttgttctgtt taacaaggat tgattgaaga acccgtaggc tcagtgctag tacaaag   417

<210>   661

<211>   349

<212>   DNA

<213>   homo sapiens

<400>   661
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tgcaagaaaa tgacaccatt tctcccctta ctatgaactc gaaatgacac ctacatagta   120

ttatgctaca cgtgccaaag aataacttag tactgtgagt ctattataat caggtaccat   180

caaaatcgca tcatattttc ttactcagat tttctcctgg atgttatctg tgtttaaaat   240

agaagtgaat ttaaagaaat atttgggcct agattgaaaa atatttttga aggtccatat   300

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<210>   662

<211>   82

<212>   DNA

<213>   homo sapiens

<400>   662
gttcttggca ctggagttcc tgaaatcttt ggtatttcct gataactatg agtggaacat   60

cttttgttat ttataataat aa   82

<210>   663

<211>   473

<212>   DNA

<213>   homo sapiens

<400>   663
aaaacagttg agttggttct ttctgtgact aagaataatg aagctctttg tttgatatta   60

actgctggta gaaaacatta ataaacaat ccaagaaagg tgttttagga aacacagtat   120

514

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tctcgtatgt agatttataa gcacagaaaa atttccaaca gtataaagtt gtggtatagc      180

tccaagaaaa gtattcttag ttagaagaat ttggctttgc tacagagttt caaaggttat      240

gtgtgcgcat attgtcttca gtagatgaca agttgatttt agttttattg ttttatctgg      300

cattttccaa taacattggt agtattctaa tgagtaagac atttgactct aaagtcaaat      360

ttgacaacat atattcttaa gccagtttag aaagtataga atggtggtta cattgtaaat      420

ctttggcaga gtttttgtaa gaaattctta aatgaagtta acataacact gct            473
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<210> 664

<211> 501

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (167)..(451)

<223> n=unknown

<400> 664
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tgctggtttt tccaaggaat ttcctctgta tttcagaact gtgtaaaata ggtccataga      120

cttattattt tatgtataat caatcttctg tatccaggga ttctacnnnn nnnnnnnnnn      180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      360

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      420

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nctcctggag ccaaactctc acaaatacca      480

agaaatgact atatttgctt c                                              501
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J

<210> 665

<211> 390

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (358)..(358)

<223> n=unknown

<400> 665
gctatatgaa gctctttct gtagagtatt aaattgtgaa atcagtaata aaagtctgtg   60

tgttaaaaat cgttagcaca gaaacaaaaa ttttagtgtt tgaaattttt taatttcatt   120

gacaaactac cattttctc tttaaatccg attttctttt gtgtctaagt atatcggatg   180

tactggcaga ttagaaacat tatcatgagt aatccttctc ccctcaaaat atgattggta   240

ccttttttag acctactctc agcttcactg tgtctggtaa ttttttttta actaatcagt   300

aaatagccct actgttatgt ctgtgatggt tcttaatgcc ctcggaagga gcgtaaantt   360

tctgggaggg tttaagcttc tcaagaatag   390

<210> 666

<211> 515

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (471)..(471)

<223> n=unknown

<400> 666
agggagttgt ggtgttgttg gctgaggtga ttcatctgga ctatcaagga gaaactgaac   60

tactactcca caatggaaga attgaagagt atgtctacag tacaggagat accttagggt   120

gtttctcagt attactccac gttgtgatta gggccaatgg ataactacaa aaatgcaatc   180

ccaggcagaa ctacaaatgg gccaaacctt tgggtcaccc tgctgggtaa agaatcatga   240

ggttcttgca gaaggcaaac aagaaaaaaa aattgaatag ataagttata aataccagca   300

516

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ataaccatgt gaccagttac agaaacaaga actgtaattg ttctaagtat tttctcctta    360

tttcattatg aatgtttgtg tgtatataca cacatattaa gcaaatatct ttgctttctt    420

tcctgtctta ttttcttatc atgtaacaaa agttgtattg actttatatc natatttaag    480

tattgttaat tttacatcat aatatttaag ttaca                               515


<210>   667

<211>   412

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (366)..(392)

<223>   n=unknown


<400>   667
aaaataagca gtttagattc cgacgacact gcactaattg gcatgtcagc ctccagctca     60

gtaaggcatt tgctcatggt tacaggcatc ttttagattc taagagtgag ttacagaatt    120

cttttggta ctttcactta ttctttcaga atacatcaag gatgtgattt atgggccctt     180

aagagtataa gatataggtg cacagtatgt tacttaagta acggatgagc cccctaaac     240

atccacgtgt ctctgcagga acctgtgtaa gtattgtgaa aacccttttc ttccagggaa    300

aaattattgg aaattcctta actgagctat acttggtact tgctctagaa catttgggaa    360

atgacnaact caggctggct ctcctctcta anctcactgg gcataaatgt tc            412


<210>   668

<211>   520

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (8)..(17)
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<220>

<221> misc_feature

<222> (128)..(496)

<223> n=unknown

<220>

<221> misc_feature

<222> (325)..(325)

<223> n=unknown

<220>

<221> misc_feature

<222> (128)..(496)

<223> n=unknown

<400> 668
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agaagaanna nagtacnata aaactatacc ttgcatacag ccctcaaata gttggtatgt    60

aaacacttat aatagagtta caaaatttaa ggtaaaaata aacaaaatac tatacaacca   120

aggtcaaatt attttccaat agattaatac atgacataat ggttatacag tgccttgctc   180

acaatagata ctcaaatatt tgacaatcga ttaattggtg ttctcataga ctcctgcatt   240

taagatcttc atggatagtt cgtccacact aacaagaacc tggatgtctc tacaactctg   300

caattcaact gcagtcatgg agaanaatcc ctttctggga agaaacaccc atttgccagg   360

atctctgtgg aaaaaaacag aaagctgagt ttaggtgctc tgatgtcatt ctctattttt   420

ataaatgnga nagttgtgga tgcagagaac catttaaagg aaanctagtt tgannaagca   480

caggtangga gaggtnggga ccgaggccaa gtgtaataat                         520
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<210> 669

<211> 418

<212> DNA

<213> homo sapiens

<400> 669
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ggggtgctcc acacactcag aacactttcc tctgcactta cttcattctg gtttttcttt    60

tgggtccttg gtgttttttaa ataaaccctt tcctgtagtt tgctcccctt ccatggaggg   120

ctgtttcgag cacagatctg ctgggtgtct gtatttacaa agagaagggg ccactcgtgt   180
```

```
gtgagcagca ccgagggaca gaggtacctt gcctgcttgt gtcccctcca agtccttctg    240

atattttcct ttccagctgt tgcctagttt cctggtatta aggagaatca actctctgga    300

taaacgtggt aaatatggcc catagtccca tcttttttaca ggcatttttt acacctggag    360

cagccagagg acgcatgcat ggctcttcgg aaggtaattt agggatcacc catgtaag     418


<210>  670

<211>  454

<212>  DNA

<213>  homo sapiens


<400>  670
cttttagtaa ggcatttggg gttggggaag ctagaaaaag aaatgggagc tggtcacaca     60

gggccttgtg tgccagacta aggggtttgt agtatatatt gtaggcagaa gagatccatc    120

aacagattgc aagcaaggaa gtatgttcac tttaaagttt gagaaagaat agtgtggaag    180

cacgtctcaa atttagactt gttccccctc tgaaccgtga atcagaccat ttcaggtaga    240

agtcttcccc ggtttatctg atctactcgg ggcctcaggc ttctcagctg ggaagagagg    300

atgcaagacc agactgaaga acacggttga gtccccaata ccaaaagggg gcctttctgc    360

ttcttagcca gctacctctt cgagtttttc aaattgtgag ggggaccata aaaggatgga   .420

aacttttaga tgacattcta caaattattt tttt                                454


<210>  671

<211>  547

<212>  DNA

<213>  homo sapiens


<400>  671
gaacaccagt tgggagaatg caatgattag caagtatttg ttgagcacta agtatgtgat     60

agattttctt aatcagtcct tataacaagc ctatgaaatg ggtactatca ttactgcatt    120

ttacaagtga ggaaacaaag aaaacagagt aaacatctgc caacgtttat tgacagtgct    180

gagcagtgac agataaatat ttcgaaccta ggcagtttga ttctagaggt aaaatagtct    240

aaacaagaat taaacgttaa actggtctaa taaaatctac ttatccagag aatgtttttt    300

aaaagaaaca ggaaatatat ggactgtagg ataggtgtca taaaaatttt gtttctaaat    360

catttagaat ccactgcatg tattccaaat tacaattatc agtgacatta gaacttgata    420
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```
tgtgaagttc ttcaagagta ctttgtgaga ccgatctcca ttttttttcca atgggaaatt      480

attgcaagtt cctacatctt gatattgctt tcgtaattta tactaacata aaataatatt      540

tttcatg                                                                547


<210>  672

<211>  563

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (205)..(380)

<223>  n=unknown


<220>

<221>  misc_feature

<222>  (533)..(540)

<223>  n=unknown


<400>  672
atacagaaca taaatccaag aaaaattatt attatttttc acaattatga ctaaatcatg       60

ttatttctag ttatttacaa gtactacaat gttctatgca tttcttcatc ctagacatta      120

ataaaacaca tccctttggt cttagatact tctctttggt ctgtgtttttc tcctttctga      180

attttaatct tctgtgatgt gaggnaattt acgtgaacct ttcacntatc natttttttnc      240

cttgtgcaca nttganantn nccnccctta gatnccctat ttgctcaaaa ggcaaatcct      300

ctaagangtc atctgcagcc catagcattc gtctcagagc agaaagantt agaacatcct      360

ttacagggtc cagctcccan tcagaggaat aattgctaac caccgagatg tcagaaagag      420

caaatccaag ttttctttgg acttcctcta gctgcaatac agaaattaaa aagacattgc      480

aaaacagtga aaaatattat tttatgttag tataaattac gaaagcaata tcnagatgtn      540

ggaacttgca ataatttccc att                                              563
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<210> 673

<211> 519

<212> DNA

<213> homo sapiens

<400> 673
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tgaaaatcag atgcggtaat cagaaagcta ttctgatagt ctgactgctc tgccgataca   120

ggttatatta ctctcacaca atatgttatc acgtaagggc tggggaggac atacatactt   180

cagtgggtaa actgaggtta gggacatagg gagcttgact gtgattccaa gtatgtggtg   240

agctcacaac ccccaagatt atcttatcct ctaaacggtc ttgtcatgcg cttttcagga   300

gtcacattag aatctgcttt ctaagaccat atctagtggc tgggctgttt tttaatggat   360

cacttcccct tccatctttt gacactatct atccaattct caggattctt tgtctttcaa   420

aacttcatgt gctgtattga acttttcatt ttctcagatt aaaggtggtc ttgtaacagt   480

tagcatactt gcttgttcat ccatttcttt gttagacac   519

<210> 674

<211> 391

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (107)..(336)

<223> n=unknown

<400> 674
agctgtccct gtttatccca ccatagaaag agtgaaaatc aacaaagttg ggcagatatc   60

tgaacctgct tggtttgact tcagaagttc tctcttgatt ttgtagntct ttaactgnaa   120

tacanancaa ancacagant gntccgnatn tgnttacata atcntgggnn gnnaacnngn   180

gttnngcanc ncaanncncn ntngcngcnc aagactnnnn nanaacatga naccctcacc   240

cnaccaannn nacacaanat nagttcaata cagcacatga agttttgaaa gacgaagaat   300

cctgagaatt ggatagatag tgtcaaaaag atggangggg aagtgatcca ttaaaaaaca   360

gcccagccac tagatatggg tcttagaaag c   391

<210> 675

<211> 434

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (375)..(375)

<223> n=unknown

<220>

<221> misc_feature

<222> (500)..(500)

<223> n=unknown

<400> 675
gaggaaagct ccccagaggt agtaccggtg gaactcttgt gcgtgccttc tcctgcctct   60

caaggggacc tgcatacgaa gcctttgggg actgacgatg acttctgggg ccccacgggg   120

cctgtggcta ctgaggtagt tgacaaagaa aagaacttgt accgagttca cttccctgta   180

gctggctcct accgctggcc caacacgggt ctctgctttg tgatgagaga agcggtgacc   240

gttgagattg aattctgtgt gtgggaccag ttcctgggtg agatcaaccc acagcacagc   300

tggatggtgg cagggcctct gctggacatc aaggctgagc ctggagctgt ggaagctgtg   360

cacctccctc aattngtggc tcctccaagg ggggcatgtg gaacatccct gttccaaatg   420

gcccacttta aaga   434

<210> 676

<211> 538

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (500)..(500)

<223> n=unknown

<400> 676
cttccttcca ctttactctg ttggcttgct cttgtagatc ttcctgtaca aagccaagaa   60

tccacgtggc ctcccacgct gaaccccaat tttggggctc accctgtgac acagccagag   120

gcaaatggtt ccatgtccct cctattcctc tttgcgcctg gatgggatcc ggagggctct   180

aggcttggct gctgtggcca ccagatgagg ctctatgagg tctgcagggg tcttgccagc   240

tccagatgga cattccctga gatgctgtta ggccacctgg actggggccc cctgtggcat   300

ccctggcatg gacacataat gcccagcaaa ggcatcatca aagttccatt actttagtgc   360

tggaaggcaa accagatggc aacttgtttg cagagaaaga aactgagacc caaagaaggg   420

tcagccaaag ccaggactca agggtcaagg ggctggtgtt gatacttcag ctgctgagtg   480

gcaggagtcc tttttgctgn ccttctccca gagttccata atgaggtgag gatgggtc   538

<210> 677

<211> 317

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (69)..(305)

<223> n=unknown

<400> 677
ctaatgttct atgaacagat ttttgtacgt atcttaaata attgcattag gctagattct   60

taaaatgana atcctatgtc aaagggtatg agtattttaa atgttcttaa tatatagtac   120

cctaccattt tctggntggt aggcaatttt ggcacccttt tcgtgttaac attgtcattg   180

ttttcaatag gtacactata tctcnttaag tagagtgacc taanctagtt ctttattgtt   240

523

ggatatttag gttattttn gntctttgct cttctaagga attttctgaa tatctgaatg   300

ttctnagctt ttccatg   317

<210>   678

<211>   492

<212>   DNA

<213> homo sapiens

<400>   678
aaaatttcta cattgtgaat agtacttccc agatgtggtg cacagtctgc acaagcatag   60

gcactggccc tacatctaaa tagatttttc tggaatgaaa gaatgaatgt attctattga   120

tcctggttat gctttgaagc tgtaatctgt cagtaccctc tgtggtcact agataggaag   180

ttggagaata ttcagagtga taaagagaag ggtaatggga aagtctaaat gagtgcttct   240

caaattttaa tgggcgtatg aatcacccag gaatcttgtt aaaatgcaaa ttataatttg   300

gatgtggggc ctgggattct gcatttctca caagctccca gctcacttat catctgataa   360

gaatgctgtt ggtccatagg ccacacttcg agtagaaaga ctctaaacaa cagtcaatct   420

tggcttcttg ctaagtaaat attttttagt aaaaattgtc actcttagtt cattgaaatt   480

gattcagtat tc   492

<210>   679

<211>   539

<212>   DNA

<213> homo sapiens

<220>

<221> misc_feature

<222>   (171)..(234)

<223> n=unknown

<220>

<221> misc_feature

<222>   (398)..(521)

524

<400>   679
caatacttag taatgtatat cattcatgtg gtgataaata tattcagacg aagaataatt   60

cttttttta aaatgtaaaa tcacaattat ttgatgtttt tcatttgtga atgcctttta   120

cacgtagtcc ctacatttag gtgctttgga tgcatgactt ttcactagac nnnnnnnnnn   180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnaacaca   240

gaaattaata gaatactgaa tcaatttcaa tgaactaaga gtgacaattt ttactaaaaa   300

atatttactt agcaagaagc caagattgac tgttgtttag agtctttcta ctcgaagtgt   360

ggcctatgga ccaacagcat tcttatcaga tgataagnnn nnnnnnnnnn nnnnnnnnnn   420

nnnnnnnnnn nnnnnnnnna tccaaattat aatttgcatt ttaacaagat tcctggggtg   480

attcatacgc ccattaaaat ttgngaagcn ctcntttaga nttcccatta cccttctct   539

<210>   680

<211>   437

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (409)..(409)

<400>   680
gggaaagcta attgacagga aagagctaag tagtacaatt ttgggggtga cgaagctatt   60

ttgctagtat tactgaccat acatatgttg aattttatac caaaaattgg tacattttat   120

tctaaaatta tggctgaaca aagctgattt aaaaatttag gtaagcataa tattaaatat   180

ttggaggtga ctaaagaaat atgtaaccaa aaaacccata ataaaatgca gaaatgaata   240

tacgtagcaa attaatcatg ctacatattg atgagattat cacaaactag aatattttga   300

taagaatttg aaatttaaat tatagtcaca aatagtaaat atgaaaacat tgcctattaa   360

atatgctttt ttaataggaa ataccaatga cattgacccc aaataaatnt atcagggtcc   420

gaagtcattc atttcct   437

<210> 681

<211> 475

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (168)..(168)

<223> n=unknown

<220>

<221> misc_feature

<222> (350)..(459)

<223> n=unknown

<400> 681
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cagaaatttt gatggcactt tattgtactg tgatatatta cacttaatgt ttctattttc     120

acttaaaatt aatgatgcac attgaagccc acacattctc ttttagcnaa ttcataattt     180

cattcaattt ggggtttttta attaataagt ctttttttact taagcttatt tcttcacttt     240

ttaaatgatt ttatttacga tttgagaaat gatgacttcg gacctgatat atttatttgg      300

gtcaatgtca ttggtatttt ctattaaaaa agcatatttt aataggcaan gtnttcatat     360

ttactatttg tgactataat ttaaatttca aattctnatc aaantatnct agtttgtgat     420

aatctcatca atatgtagcn tgattaattt gcnacgtana ttcatttctg cattt         475
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<210> 682

<211> 316

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2)..(13)

<223> n=unknown

<220>

<221> misc_feature

<222> (255)..(313)

<223> n=unknown


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<400>  682
anttgtcccc atncttcctg gactagattg cacagtgtcc ttttcttatt tggaatgttc    60

aggacaatgt gttattcatc tgcgcagtcc cagcaccttg tgtgatactg gctatccaat   120

ggggtgtttg atgaataaat ggtgcattag ttaaacaaca ggtttaatag gtatttatta   180

aactgagcag ctatttcaac aaagccactg aattaccaca atgccttgtt gtctaaggca   240

ctaccaaagg cattncnaaa ctgctggtgg aggccaatta tttaagcaaa tctcggatgt   300

cnaagaaaat gangca                                                    316
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<210> 683

<211> 327

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (134)..(316)

<223> n=unknown


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<400>  683
tagcaagtga aaatgtcctt gaaaaatgag ttaacacaaa gacattttcg gataaaagac    60

acttctggcc ttctgatgac tacgagtttc ataatataat tgccaagcca gatcacctaa   120

acactaaaca aacnatactc acgcaaatga agcttccaat tattaacatg ctctggaaaa   180

taagagtaat tattgaatcc agaaactaga tccgggtatt agnaacagaa aagggaacat   240
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ttggaaaaca aaaagggncc tttgaaatta anatatntgc nagntgaaag gacattaaaa   300

naggaaatnt aacccnaatg gaaaatt   327

<210>   684

<211>   275

<212>   DNA

<213>   homo sapiens

<400>   684
tatctttaa ctcttctatt gaattttca tttgtgttat attttctttt ttaatgttct   60

ttcatcttgc atatattta atttcaaagg accctttttg ttttccaaat gttcccttt   120

ctgtttctaa tatcctgatc tagtttctgg attcaataat tactcttatt ttccagagca   180

tgttaataat tggaagcttc atttgcgtga gtattgtttg tttagtgttt aggtgatctg   240

ggcttggcaa ttatattatg aaactcgtag tcatc   275

<210>   685

<211>   60

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (6)..(56)

<223>   n=unknown

<400>   685
ttccanaatc cttacccttt atttcttncn tctcttcttt natcatngga tctntnaccc   60

<210>   686

<211>   471

<212>   DNA

<213>   homo sapiens

528

<220>

<221> misc_feature

<222> (436)..(460)

<223> n=unknown

<400> 686
ttaaagctca tctctctggg atgacaacaa agtccctctc agttttttct cccaccccat   60

ccctcagcca gctgaggtcc atgtggtacc caggaaacag aacagccccc aattcccatg   120

gtgagtgctg tcatccacgt tgtccttagt tgcaggagac ccttgaagat tggtgtcttc   180

cccttccaca ggtcgttggg gcatgggaat ctttgctgag ctgaaaatg ccctgtctt   240

ctgagatgct gcccttcccc cagggagctg ccagggctgg aggtgcaggt tcctgctgct   300

tgcatttcct ccaatcatgt cccttcccc agtcacagag aaggctgtat gttctctctc   360

ctccatcaaa agctctcctt tctctccctt accctatcca catataatct tacataatga   420

gcttaggcct cagagnaana caaaaagtct gggacaaaan tcctagtggg a   471

<210> 687

<211> 520

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (360)..(423)

<223> n=unknown

<400> 687
attcctatat agtgagagaa ggaaatataa caggaaagga taaagagcca agtaaggctg   60

tgttttctgg taaaggctag ctacggctta atccagaggg gaggctcaga agcataaacc   120

acaccgtggt gttgaccctt cttgaggcaa ggaatccagc agtagtccca tattagtcat   180

tcactgtctg aggaccattc ccagaggaga tataacttcc caggggtggt ggttctcatt   240

agaagatggc aattctctga aacatttgac attgttagca gttgacacac agcatctaga   300

ggtgtgggtg cactgccttg ctaaatgggg atctgggtaa gacattatta cattacaagn   360

529

```
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      420

nnnaatattg aattaccttc atgccatatt aaaactttaa ttccaagcat tggaaatata      480

tatattaaag gttgttacac aattaacatc cccagaaaaa                           520
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<210> 688

<211> 467

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (447)..(447)

<223> n=unknown


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<400> 688
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tcctccttgt tagaactgat aagcgaagtg attctcttat aagagttttg gaggctggaa      120

aggcaaatgt tattttacca aaaagttcac caagtggaat aactcatgtg attgccagta      180

atgcaagaat taaagctgag aaagaaaag ataactttaa ggctccattt tatccaattc       240

agtatctagg ggattttctt ttagagaaag aaattcagaa tgatgaagat tcccaaacca      300

attctgtttg gactgaacat agcaatgaag aaacaaacaa agatttcagg aaagatgcag      360

gatttcttga aatgaaaggt gccttaagag agaccatgta tagaacccag aaagaaatgc      420

caaatcctga agatgttaat ggtgggntcc taatttggat tcaacat                  467
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<210> 689

<211> 420

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (18)..(109)

<223> n=unknown

<220>

<221> misc_feature

<222> (223)..(387)

<223> n=unknown

<400> 689
ctcattttaa caaatttnan aatctttact ggaaccactg aattttttctt ttttgtgatg   60

ttgaatcaaa atanaaccan natnancatc nncangattt ngcatntcnt ttccgggttc   120

tatacatggt ctctcttaag gcacctttca tttcaagaaa tcctgcatct ttcctgaaat   180

ctttgtttgt ttcttcattg ctatgttcag tccaaacaga atnggtttgg gaatcttcat   240

cattctgaat ttctttctcn aaaagaaaat ccccnagata ctgaattgga taaaatggag   300

ccccttaaagt tanccttnttc nttctcagct ttaattccng cattactggc aatcacatga   360

gttantccac ttggtgaacn tttnggnaaa ataacatttg cctttccagc ctccaaaact   420

<210> 690

<211> 315

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (277)..(288)

<223> n=unknown

<400> 690
gtttctaaat attcttgtaa ttttaaaact atctcagatt tactgaggtt tatcttctgg   60

tggtagatta tccataagaa gagtgatgtg ccagaatcac tctgggatcc ttgtctgaca   120

agattcaaag gactaaattt aattcagtca tgaacactgc caattaccgt ttatgggtag   180

acatctttgg aaatttccac aaggtcagac attcgcaact atcccttcta catgtccaca   240

cgtatactcc aacactttat taggcatctg attagtntgg aagtntgnct ccatctggaa   300

531

<210> 691

<211> 486

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2)..(21)

<223> n=unknown

<220>

<221> misc_feature

<222> (295)..(295)

<223> n=unknown

<400> 691
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gnganaaaat atatcaatat ngaacaaaaa tgtgtgtaaa cagtaattct acaactggga     60

acatatctca gttttgttaa ttttggtgac gtcttcccaa ccatgtctaa tcttcagtat    120

cttcttcctc aagcatggca ggaatagtat gcttttaaat atcaggacaa caattggaag    180

gaaaacagct atcataaaag ttggaggtgt ataccataca aattgtttta tatctatcca    240

cttattccag gcaaaaatca atgcgtgtat tgtgcccagt agaagggaaa caatncctag    300

cttgctctgc aaaagaaaaa caaaattggt gaagattggt ttaataagag tttatcccat    360

cctacctcat ctggatatgc tctgttgctt ggaaatcctt tatctatgat tgttttccta    420

tcacatttct caacaatgtc cattcacatc tttctactct ttttgcctat cctcctcacc    480

ttactt                                                              486
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<210> 692

<211> 290

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (51)..(51)

<223> n=unknown

<220>

<221> misc_feature

<222> (169)..(258)

<223> n=unknown

<400> 692
aaagatacga gaaccttaaa agcaggtggt cattgacttc aaggggacga ngtcgccctc   60

cccactgcct ctccccatac agacgctgac agaatagacg gggaagcaac tatgagagaa   120

acagaagcaa tcagaactcc agctcagacg acctcaggag ttttaccanc aggatgattc   180

aggaccacac acaaaaaatg gcagggngcc atttcccccg aatctctccc gcataagatg   240

gaaacaacaa cttgaggngg caactgagca attagttact ggtcgtttct   290

<210> 693

<211> 558

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (518)..(518)

<223> n=unknown

<400> 693
ttttgcgttt acagaagttt gtaggattga gaattcatca tcatcatttt ttttaccaat   60

ctctatattt ttaatagtca acatatttat ttttgattcc cccactgtgc tgctttaaat   120

taaattttga aagaattctg cccaaagcag tagtgatact gaggatgaaa taaagacaga   180

```
aagcaaggga actacatgct tctggacacg tgttctatag acttgctcta actagtgtta    240

aagactactc attttttttcc tcacatgata agaacattca tattagacta tttggtttac    300

tgttctaggt aatgattttt taaaagattg ggttaagatg aaattatttt cttacaaaag    360

gatttaattt gcttttcaaa ttctgctctg aagctcaaga ttaaatcatg tcccaaatga    420

ctgagctttc attgctatag aaaagcattt ggctatttca gtaagtttcc gcctccacat    480

cttaagtctc ttgatttttc agaaaaggtc aggggagngg atataagcgt gaagggaggg    540

agattttctt aaaattgg                                                  558


<210>   694

<211>   432

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (52)..(79)

<223>   n=unknown


<220>

<221>   misc_feature

<222>   (306)..(412)

<223>   n=unknown


<400>   694
ctcattgttt tctgaagctt taaactttga gatgtaaaaa catgacttttt gnntgtgtac     60

ttttaaagat acatattnnt ttttaatagg tcagtctcat cattaatcac taaaagagct    120

atttaaatga ctaaaaacca cagcacttgt cagccattac ttgttttttca gcaagcattt    180

acacagtatt agctgaaata tttgtaggga ttcaccaagt accttgggat gttgcagtta    240

gcatttttttt cttacaggta taaaaagtgg attgttgttt tgatggtggt gggtttttgtt    300

ttttttntttc ctaatcaaag cnctngngtn ttattagcaa acacttaana aatatgtnan    360

taccagnact ggggaaaata attagangac acataaacng gatttaaaat cnatctcatc    420

ggcctagatt tt                                                       432
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534

<210> 695

<211> 471

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (349)..(461)

<223> n=unknown

<400> 695
aaaaatatct ttaaaatgat aaatataaaa cattaaatgg ctattactat tttcttcctt   60

ttttttttaca cagtggcatt acattaaagc ccagaaaatt tacagagacc attaaaaaaa   120

ggcattttgc taacaaataa gaaggcaatt taaaataaaa ccagtgaaca tcaaaattat   180

atttaagtct aacttgaact cttaaagaca aactatgcaa tacaaagcta taaaatatat   240

aaaagcaaat ctataatatg ttggatgccc tccctacttt ggatgtaaga tacatttttt   300

tctgtgctta aataatacaa ttattttgct ttatgaaaat gtgtaggana acattttaaa   360

agaaaatgtg ttttacctcc ctataaatgg acatatgggc attatggtat aagtcatnca   420

aaacatgtta atganacatt ccaagtaaaa tnaagaacat ntgaatttta a   471

<210> 696

<211> 402

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (180)..(368)

<223> n=unknown

<400> 696

535

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gaaggaagtc tggcaggctc ggaattgtca tcttcctcag gcaaatagtt tttcacctta      60

gagccagcaa ggccaaaccg cccagtcacc cgacttccca cagtctcagc agggaggaat     120

aagttttttt catctgtaat ttggaagcca agtcagtaac aaaatgaaac cagtaaagcn     180

tctgttgacc accagtaaca aattggcaaa tgttccagcn ttaactacta aaaaggact      240

acataattta ccattatcac ctgagctaaa ggaaaaacat aatgcaaaat tanttcanga     300

taaaattgaa ccaatggtcc taagatctcc accaacagga gaatccattt tacggtatgc     360

tttgcccnat tccatcgagt aagacaaaga acttactacc ag                        402


<210>  697

<211>  557

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (544)..(544)

<223>  n=unknown


<400>  697
tgaacagcta gacaatgcac tgacaagatc ctgaagaata tgtctattag ctcccccaaa      60

gaccaacatg attgtcctat cctgctacta tataaattta tgcataataa tttaataaaa     120

tcctagtttc tatattttat cctatacttt taaatcactt tattggtatg taatttgtgt     180

ataaaaagct atacattggt gagatcatcg gaaagtgccg ctggtggcgc gggcagagct     240

ggcgcgtcac tgtcgtcatc gttgcccaac cgctttccgg gaggctggag tcgaaggccg     300

tgagtcagcc ataacggcag gtgaagaaat taatgaagac tatccagtag aaattcacga     360

gtatttgtca gcgtttgaga attccattgg tgctgtggat gagatgctga agaccacgat     420

gtctgtttct agaaatgagt tgttgcagaa gttggatcca cttgaacaag caaaagtgga     480

tttggtttgt ggttctgttg cagaaacatc tttaaattca tcagttgagt gggcttctaa     540

gaantcttca attttct                                                   557


<210>  698

<211>  456
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<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (47)..(47)

<223> n=unknown

<220>

<221> misc_feature

<222> (279)..(413)

<223> n=unknown

<400> 698
gcgaatgtga actgggaaaa aaagcattat atatcataac taagagntaa ttgatgatac   60

ttgagaaatc ggtgaacaat taatatttgt taaaccattg actaggatgt taatttttca   120

tttgaggtat tttttagtga aaggagagaa ggaaatgaaa tggtagctag tagatggtga   180

atttaagcaa gatttgttcc ctttcttcca ctatacgcct ctaaggaaat taaaaaaaaa   240

aaaggcttgt ttactttgga atgtggagta aagagagcna caagngattg aagtcaaaga   300

ataggtangt gagccctgta aggntctgca gagacagaca gaaaaagtct gcatggagag   360

taaattggga anccaattaa aaaattttgg tagtccttgc gtgaaatntt ggnagcttaa   420

actagggtag tagttgtgga agggatgatt attggt   456

<210> 699

<211> 327

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (9)..(9)

<223> n=unknown

<400> 699
atgattttna atataaaagt gatcagaaga gttgaacact gaatgtgaag aaattttagg   60

aatagcttag ccagtttaga ttgcttatat tttcttattt gtacatgata tatggttctt   120

acggtttcta aataagtcta aagagctctt tcaatattta aaaataaat aaaaaatgta   180

agcagtaaga aagcatgtgt catggtttaa ttgactattt tcttccttag tggtatataa   240

aatggtgctt catataaaca gtactgtctt caatttgatg aaacgagttt gatttactgt   300

cctactgtta ttttactgct tcctatt   327

<210> 700

<211> 425

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (13)..(417)

<223> n=unknown

<400> 700
gtttgggcgc ganttactct aagcgcggct ctcagaaggg tgcaagaaga atcagtgntt   60

tttttttttt ttcgaagcac tgngtttagn tcaagatgtc tggtaaagca aatgcttcca   120

agaaaaacgc tcaacagtta aaaagaantc caaagagaaa aaaggataat gaggaagttg   180

tgttgtcaga gaataaggtt agaaacacag tgaaaaanaa ataaaaatca tctgaaagat   240

ctgtcttctg aaggacaaac aaagcacact aacctaaaac acggaaagac agcagccagc   300

aagagaaaaa cctggcnacc tctgtcaaag agtaccagag accatttgcn aactatgatg   360

gaatcagtag taatgncant tttgngtanc agtgttnnng nanaagaagg aantacnata   420

ccatc   425

<210> 701

<211> 431

<212> DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (251)..(288)

<223>   n=unknown

<400>   701
tctttgccaa cctacgaaac ccatatctgg aagaatcacc agctcccgtg agcagcttca   60

tgtaaataga tgcactccaa gcagattgca tgcctcaggt gtttgtcttc tagtaatcat   120

ggagtgtgca acacccagag taacactaca aggggcagga ctgcaaacag caggtcctgg   180

ctaaaaaccc ttaatgctgc attgctgcca gttgtaaaga gatgcctgaa tggaggcaag   240

ttctgccctg ngggtgaaac tgatgatgta ctgtactgtc atatatanat ccactaaatc   300

cagctaccag gaactgcctg gaactgtggc catgcatttt tttttttctt taaagaccag   360

tgtgatagta ggccatgcat ctgagatacg atattccttg gtaactagag ggagaaaaaa   420

aaaatcaagt a   431

<210>   702

<211>   307

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (30)..(264)

<223>   n=unknown

<400>   702
gtgttagtcc atttattgtt taaagttatn ttgaaactga tattttcact gctgccaaag   60

cagtacctga cagtagatag gtnnccacag ncttangtnc cttngagtta tanaactatg   120

cctctgaaag gggntttaat actttaataa acctggccta aactgtttta tttctaagtt   180

gaaganactg attgtcaagt actttgactt gtccaatctc atacaactaa ctatggtaca   240

tctagagtta gatctcagta tcangggtcc cagttgtatt ctgctcacca ttccacagtt   300

tcggtat   307

<210>   703

<211>   393

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (337)..(366)

<223>   n=unknown

<400>   703
gaagatgatt caaagagctt gctttcaaag agcttacagt tctacagctt agagatgaaa   60

ataaccaaaa tatgaggtag aaagtggtta attttacctc tccttggctt tacgtctcat   120

gtgtaaagtt atagggggtg acagttcatg ctttattgaa ggacatgata tttacgtcag   180

gctttgaggg acagatcaga tatagacaca tgatggcagg aaaggctgga gaaggcattt   240

cagattgaat agcaagtaat tccacagtag gaaaattgtg agaaagctat ttctttgtat   300

caaattttaa gaaaaatatt tagacatgct taatgcntaa atatttgana ttntattact   360

ttnntncctg tgattatttt cacatctctc acc   393

<210>   704

<211>   281

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (210)..(273)

<223>   n=unknown

<400> 704
taacacaaat caattttttt aaattacaag tcatagtcac atggtagccc aatctgaatt   60

ttcatataat gtcatataat ttcatataat gtcaaattta gctgtctggt aatctccaat   120

taataactgt gtaacattag ttttcttagc aataaaggaa gaggacttaa tcactatcat   180

cccttttagt taggaaaaaa gtataatcan tcaaattagc tcggttaaaa tagcaatgtt   240

ttctcttttg ntttgatttg ggganaacta ntncagaagc a   281

<210> 705

<211> 376

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (46)..(48)

<223> n=unknown

<400> 705
tcctgtctgg tgaaatacaa acataaatga attatttatg tgccantngc ttcctgatgc   60

tgagagcaaa gccagttgtt ctggcaggtt ctggaaaaat ttatcacctc atggggttca   120

atgccaatgt caaatcataa atataataat caaatctgaa agtgaaccca gtttcagaga   180

catccagagg ccactgtgta tgaagctcct ttcagataaa gagaagatat tatttgactt   240

cttatctctg ttgtctggcg cagtgtccgg aacacggcag atattccata tgcacagtca   300

catcctgtgt gtgtgtgttt cttttccagc agggactgga ggtcctaggc tttgtttgta   360

tggcgagcca gtgccc   376

<210> 706

<211> 480

<212> DNA

<213> homo sapiens

<220>

541

<221> misc_feature

<222> (121)..(472)

<223> n=unknown

<400> 706
tttatcattt tactaggaac tatttacaga ataaactaat gagattcttc ctgaggtaaa   60

aatacttttt ggaaaaactt ctccttgatg aaatttcact taaaacatca cttccatcgt   120

naagtatttc tttaagatat ttttggtccc ttccttttat gtggaatcgt caattcaaat   180

tttaaangag actttganat gtttttcatc tatnatttta aaaatnttna aggggtnttt   240

aattctgcct tcaacanaga tngacacacn tctgattatg atgtaaaact gantaagtta   300

ctctgacagg ctttctttc tgcagcgcag tacnatcatt nttaataang attgaattct   360

tttactccat gcacaatcta tattccctgc tttacaaaga ttagaaatct aattctcact   420

annaaggcag ataaaagtaa tcacttcnac ctttcagatg actgaatcan tnaccaacgc   480

<210> 707

<211> 429

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (101)..(240)

<223> n=unknown

<220>

<221> misc_feature

<222> (384)..(394)

<223> n=unknown

<400> 707
cagaatttct ccatctagcg gaacaacagt gacatctgtg gtgggatttt cctgtgatgg   60

gatgagacca gaagccataa ggcaagatcc tacccggaaa ngctcagtgg tcaatgtgaa   120

542

```
tcctaccaac actaggccac agagtgacac cccggagatt cgtaaatacn agaagaggtt      180

taactctgag attctgtgtg ctgccttatg gggagtgatt tgctagtggg tacagagagn      240

ggcctgatgc tgctggacag aagtggccaa gggaaggtct atcctcttat caaccgaaga      300

cgatttcaac aaatggacgt acttgagggc ttgaatgtct tggtgacaat atctggcaga      360

aaggataagt tacgtgtcta ctanttgtcc tggntaagaa ataaaatact tcacaatgat      420

tcagaagtt                                                              429
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<210> 708

<211> 283

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (10)..(277)

<223> n=unknown

<400> 708
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ttggagtaan aaaaaaaaaa agaatgggga taaactggta tataagagga acangnanga       60

ggggaganna cccaacanat gaggtctgca cacacagctg tcctggttgc cctcggtgca      120

gctccgngct ccagttacaa ggaattccaa gttctcaggn tcttgaagac tctgnaggcc      180

attaatccct ggatcacact gcntctacca gctnagangn naagtcctgc ctaaggtcnt      240

gaaatanacc tgactgctgc naccagaccg aacagangca aag                        283
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<210> 709

<211> 369

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (174)..(280)

<223> n=unknown

<220>

<221> misc_feature

<222> (481)..(481)

<223> n=unknown

<400> 709
tctgacattc tttatgtaac agtacacctt ggatcttcct ccatcatgag tatagaaagc   60

cctttatcat cccttttttg gttggttgtt gttctgcagt attggtttca tacttaaatt   120

tttcatgctt ataatagttt agaggagatg taacaaatac agggatacaa aggnnnnnnn   180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn tcaaggtctc agttttctta   300

tttgtaaaat agttattaac agtatgccct gtattataga gttcctgtga atattgagtt   360

cctattttt   369

<210> 710

<211> 534

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (481)..(481)

<223> n=unknown

<400> 710
gaatttacaa aaaaaaggat gaaagtttac aaactgctta gttccaacta agcataagag   60

gtgagaacgt acactgcagg gccaccagca gcagctgtgc actgatgtta aaactggctc   120

ccccagactt gtagtgctgt cttcaggggg ctgcattcct tacacgccac ctcttgtgac   180

ataggtcatt ggtcaagccg ctggaatgct acagaggttt ttttggtttt gagaggcttt   240

ttttgttttg ccttcctact ataaaagcga aattttcagt tcatttctga aaaataaatt   300

544

```
ggtcaataaa ttcattttgt tctgcttcta ctttacacaa agcttcatat tcaacccgat      360

acctgaaaaa caaaattgtt agaggccctg aaaaaaagat gaagtaaacc acagacctaa      420

ttcttctaga gaaggatata gaggtttaaa tgatttcaag aaatggtgtg agttcagaat      480

naagaaagaa agagggcaaa gccctaccca gagccaccca tggagaaatc tcca            534
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<210> 711

<211> 389

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (310)..(354)

<223> n=unknown

<400> 711
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gttttgttgt gttcttcatg tggaaatgtc gcttaacaaa atatccaggc ttttgtttac       60

gtggaaaaag catcccttgt aatgattgct catcatactt aaaaaccttt ttcaaaggat      120

tttcatgttc ccagctataa ggactatttc catgacgtgt tattggcaga atgagtgtta      180

aatatggagc atatagcatg gggtgacttt cattgtccta acctgagaca gttttcctta      240

ttactctgta ttgatcctgc tagtccaaga atggacatga agtgaaccta tcgtggtgac      300

tgggatacgn aggtgcttgc tatttttgcc agcacagcat attagttcct tggngcctcc      360

attgtctgag tctgcagtga tctgtagga                                        389
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<210> 712

<211> 363

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (350)..(360)
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<400> 712
tagatgaaaa cctaaaggtc tctacgcaac atctgaggaa catacgctcc tcagataaaa   60

gaatcaatct aaatcctcaa ctgacaaaaa ggtccattta atatttttca ttttacaagt   120

taaaagttct agttttgcca ccagaatcac gactaccccc ccttcagagg actccattta   180

agctcaaaat acgaaatgag catagggtga agttgatgtg taaatggtat tctacagatt   240

caagatggcc tcttctaaaa acactgaaga aagctttcac caactctaat ttgattttgg   300

gttttgttgg cagaaaaagc ccaagacatc tggaaaatta ctagtaaccn ccgncatccn   360

cct   363

<210> 713

<211> 313

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (47)..(49)

<223> n=unknown

<400> 713
attgactaga aggacatttg gaaaagaaaa cccagcgttt gaaaaanant gaggcagttt   60

gattctgttt ctctgagtga atagtgagac taagtggggt gtaaggatgt ttcatcctca   120

aaatttattt tttctttcat tactatgtca gtttgaaaaa gaaaataaaa aatggttgtt   180

gatcctgaag aaactaatcc tagaatgtgc tacatctttg agagtttgga aagagacagt   240

taacatacaa cccttcaaaa cagtggaatt tggtaaaacc ctggaacact gttcttgctg   300

gatctaattc atg   313

<210> 714

<211> 382

<212> DNA

<213> homo sapiens

<220>

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<222> (3)..(5)

<223> n=unknown

<220>

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<222> (279)..(373)

<223> n=unknown

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aagtttgcag ctgtcttatg gaaagaaaaa tcttcagtat ttttcactgc agcacttgac   120

actctggctc tgagtcttcc ttaaacacac acagagtcct ttattaaaac aattgtagaa   180

aacaaaaga ttctgcttct actacattag gagggaaacg cctcagtgaa ctaggaggcc   240

tttcccgtgt cttaaatcag caacagcaaa ttgtcttcnn atataagcat gtttacatgt   300

tcacatgtag ncacacctac cagnacaaaa tgcaggnagn aagcttacgt gcaaatatan   360

acgccctaga ctntggctat ag   382

<210> 715

<211> 387

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (240)..(343)

<223> n=unknown

<220>

<221>   misc_feature

<222>   (463)..(463)

<223>   n=unknown

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ctctctgcat aactcccttc ttctgaaccg agtgacaccc tatggagaaa agatctacat   120

gaccttgtcg gcctacctag agctggatca ttgcatccag ccggctgtca tcaccaagga   180

tgtgtgcatg gtcttctact cccgagatgc caagatctca ccaccacgct ctctgcgtan   240

ctctttggca gcggctactc aaagtcacca gattcgaatc gagtcactgg catttacgaa   300

ctcagcttat gcnaaatgtc nagacacagg tagtccaggt atncagagaa ggagaagaaa   360

aatcttagat acgtcagtgg ccatatg   387

<210>   716

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<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (463)..(463)

<223>   n=unknown

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gaccgtattg tgccagctag aagtgggttg aaggcataca accagtcgtt catgtctttg   120

tcattgaggg cctgcaaaag daccccacgg tgctttgtgc agacagcaaa ggtgtttggt   180

gtcttcacca tggcctgctg gtcctcactg tactccacct-gtgctgtgga caggttaatg   240

attccacgct ccacagggtc tttgtcactg ttatagatga agacataagg ccgacggacg   300

acaacaaaat gtttagccca gttactgtaa agaggctcct tgaaatgaag gtatcctttc   360

ttagagacca ctgagcttgg tctaatttct tcaatatctg gaacaagatt gagaaattcg   420

548

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aattct                                                                    486


<210>  717

<211>  277

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (50)..(50)

<223>  n=unknown


<220>

<221>  misc_feature

<222>  (229)..(229)

<223>  n=unknown


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ctgctgcagg tagaacaagt cagccagttg gctgtgttca tagaggcagc attagactat      120

cacagacagt ccacagagat tctgcaggag ctgcagagca agctacagat gcggtaagca      180

cctccacgtt tcttacaagc caagggctgc ggaggtaaca tctattgana tccatctgtc      240

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<210>  718

<211>  474

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature
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<222> (49)..(49)

<223> n=unknown

<220>

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<222> (411)..(411)

<223> n=unknown

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tatcaggaag caatgctggt tagttgtttt gtcctaactg caaaagggag gggcagtgtc   180

aggcagttgg ttgatgtcag gtggagcaag tcttttcaga gggctggttt ctgtttaact   240

ttctgtttaa gaaagcctaa tgttggtaag tgaaggaggg ggtataaaga gatgtgtctg   300

acctcacacc ctgttatggc cgagaactca gttttcaagg tttctctggg gtccccttag   360

tcaagaagga gtctgttcag tcacttcagg gcttagaatt ctattacttc ncagtgtctt   420

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<210> 719

<211> 464

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (382)..(386)

<223> n=unknown

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gagaagtaat agaattctaa gccctgaagt gactgaacag actccttctt gactaagggg   120

accccagaga aaccttgaaa actgagttct cggccataac agggtgtgag gtcagacaca   180

550

tctctttata ccccctcctt cacttaccaa cattaggctt tcttaaacag aaagttaaac   240

agaaaccagc cctctgaaaa gacttgctcc acctgacatc aaccaactgc ctgacactgc   300

ccctcccttt tgcagttagg acaaaacaac taaccagcat tgcttcctga taagagacca   360

gtgaccatgc agtggatctg gnaaangcta aggagaatgc atagtttctg tgtctctgct   420

tcacctttg acttgagagg gctgaaaagt ccacctcaga tcat   464

<210> 720

<211> 473

<212> DNA

<213> homo sapiens

<400> 720
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tcgtagggca taccagcaga tcttggatgt gctggatgaa aatcgcaggt gattggccat   120

ccgtgactct tgacagcttt attgcatatt ttttggcctc ttgtttagtg gactgtggtg   180

tctttctttt ctgttttac cttctagcct ctttctaaga tgcaatgatt tgaaacagct   240

tgctttactt tcttttaatt tgaaattatt gtccaaaatt cacatttcac aagattacat   300

tagctttcct tctgtcaggg agagcataca tagaaagtgt agtgattttt ttcaaaggct   360

tttctagcct actctaagta cttgattcca cttagggata tgcccaaggg gccccgtccc   420

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<210> 721

<211> 280

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (256)..(266)

<223> n=unknown

<400> 721
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551

tgtaatagca tttgatatga tatactcgca cctaataatc tggtctccac taaggactta   120

ttgtaattaa aaagttaaac aagttagctg atggacaata aatctgtttt aaggagggaa   180

gagaaaacag gcccttgtaa atattagctc ttaagtgcca gctactttat atgcaatatc   240

atttgaaaga tctccnacca tactanataa agaattgggg   280

<210> 722

<211> 388

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (123)..(123)

<223> n=unknown

<220>

<221> misc_feature

<222> (276)..(305)

<223> n=unknown

<400> 722
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cagagacaag gaggaggagc tgctgagttc aaacaagaac aatgaattcc tcaagcccaa   120

gcnagaatgt gacaaggtgt caacaaagcc aaccaggaag gtgatgtatg cccataaat   180

cacttcacaa accagggctg caaagaaagc acccagcaac ccagagcccc gagtgtgagt   240

tttttctact cctaaacctt cacacccccc acatcnaccc tcctccagca cctcactnac   300

tgctnacctg tcactcctcc actgaccaat tggcctactc atggggtaag acaagttctg   360

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<210> 723

<211> 458

552

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (113)..(113)

<223> n=unknown

<400> 723
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ttggaggaaa gaaatgaaac tgcattcaac taaactgaac ttggtcacca ttntcatggg   120

gattggtgag gttttctctt tgttgatgtc ttcagttttc aacaaaattg cttctttgga   180

agtttttgct ttttctccta aactggttat ataggaatgt agtaggtaca ggtcattcca   240

ttatataaat ctgtgtttat aaatgattta cttagctgtt ccagcctgtt agttaaatat   300

gtatttaagg cctgtttttt caaaaaaaaa atgtatatat agaaaaaaaa atagaagctc   360

acagaatgga tactgagttg ctgaaaatta gtcatttgaa tttaaatctt ttcaggagtt   420

tttgcattag gatttacacc atatactcac tctgaaac   458

<210> 724

<211> 404

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (40)..(40)

<223> n=unknown

<220>

<221> misc_feature

<222> (258)..(382)

<223> n=unknown

553

<400> 724
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gggaacgcac gaaggccgag agcatcgcca gcctgctgan cctggccatc accacggagc      60

acacgctcca cgccacgctg ggggtcgccg agttctttga gtttgtgctt aagaacccc      120

acaacacaca gcacacggtg actgtggaga tcgacaaccc cgagctcagc gtcatcgtgg     180

acagtcagga gtggagggac ttcaagggtg ctgctggcct gcacacaccg gtgggaggag     240

gacatgttcc acctgcgngg cagcctggcc ccccagctct acctgcngcn cccacgagga     300

ncgcccacgt cccccttcaag ttccagagct tctctgcagg gcagctggcc atggtgcaag     360

gnctctcnng ggttgagcaa cnagaaggca tgggacgccg tgtc                       404
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<210> 725

<211> 393

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (128)..(231)

<223> n=unknown

<220>

<221> misc_feature

<222> (347)..(362)

<223> n=unknown

<400> 725
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taagaaaaac ataattttct catttaggat gattcataaa atacattttg agcaacagcg     120

ataacgangg tcccacatgc gtanatggca gcaccagagc cagacccacc accacggagt     180

tcgcgctcac ggaacccagg cctgctgggt gtcagcagca gctaagctgg ntgcaggtac     240

tacaaaatga ccagcgctcg gtctctgctt cctcagccaa gtgcacaggt cagccaggtg     300

ggcactgaag tgaaaggctg cagagaggcg gggaggacag cctgcanggc angagggggca     360
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554

cngacaggcc ccagctgggt tccgcaagaa gga   393

<210> 726

<211> 323

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (94)..(94)

<223> n=unknown

<400> 726
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tgcttccgtc tctgcagcag ctacctccgt tctnacacat ggcttcttct gagttttctt   120

atttcagcca gtaccatgga actctcctga ccttgtgggc tttgggcaga ataactcca   180

ctccccactt ctctcctaaa ttactggcaa tggtgatact gagcatgcag ggagaaacct   240

gagctgttaa tgctaggagc gtcaagctgt tggtagtgaa gccatcatcc tctccaagtt   300

cccagatact tctttgtgaa aat   323

<210> 727

<211> 540

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (534)..(534)

<223> n=unknown

<400> 727
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gggcacagac ccaaggagga ttcactccgg gatttctcag cttccagggg ttgctcggct      120

gccttcatct tgcttccacc tcttcaacca tcctggtatt cactcatccc aaataacatt      180

ggttttatac atttaaattt ggaaatcaaa gttaagccat ggcgtagggt cagaattttt      240

tttacaagag gaaggaaaaa gatccggtcc cacaagaatt cacaggaaat ggctctgggt      300

gagtgctgaa tcccagtgag tgggaaaaga aaagtgatgc ccggctggga ggaaacgctg      360

agagcaaaaa ggggtcccac cccagcccac gagtctaccc acgacaggtt ggggacagac      420

tccttcaccc agacaacgac gagagaccag atgccccacg aaacacacat ttttaccagt      480

tgctgagatt tctggctgtt ttcttttctt ctttatattt ttttctggat cggncaatat      540
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<210>   728

<211>   505

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (21)..(61)

<223>   n=unknown

<220>

<221>   misc_feature

<222>   (328)..(350)

<223>   n=unknown

<400>   728
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naaaacattt tcttttacag attcaccttt ttggagtttt gctggctatt ttaggaaact      120

tggtgatcag tatttctcta aatattcagg taagaaaaaa gcttattttt ctaacactat      180

agattgatcc agggacacat tatgactctc atgggcattg ggcacttttg tctttgtggc      240

tcttttctcc ataaaaatta taaaaaatat atattttatg acctcattgg tataaacaca      300

aatataattc aggctggagt gcattcannn nnnnnnnnnn nnnnnnnnnn ttaaaagaaa      360

ttaattttgc aggatggagt ggtctctgac agtattgtag acccctaggt aaggggccga      420
```

556

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cggtgtctaa tggataaata gcccctgggt ttgatttgca gtactttgat ttctttccat    480

agccctttaa cccccagatt gggga                                          505
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<210> 729

<211> 340

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (73)..(114)

<223> n=unknown

<220>

<221> misc_feature

<222> (268)..(268)

<223> n=unknown


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agttaccccc cgnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnngaaaat    120

attagatgga aaattccaga aataaacatt tcatacattt taaattgcat gcttttctga    180

gtagcaggat gaaatctctt gctgtcctgc ttggtatgtg aatcctcctt ttgtccaacg    240

tatccatgct gcagatgctc cctgtccntt ggtcattcag tggccctctc ggttatcaga    300

tcagctgttg cagtagcaca gtgcttgtgt tcaagtaacc                          340
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<210> 730

<211> 329

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (7)..(9)

<223> n=unknown

<220>

<221> misc_feature

<222> (172)..(172)

<223> n=unknown

<400> 730
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tgccgagttc agagctgcgc accgcccgcc gccgcaggtc gggttcccag cgctactccc   120

aagacaccgc tcagccatga agatgcattt ctgtatcccg gtgtcccagc ancggtccga   180

cgcgctgggg ggccgctacg tgctgtactc cgtgcacctg gacgggttcc tcttctgcag   240

ggtgcgctac agccagctgc acggttggaa cgaacagcta aggcgggtct ttggaaattg   300

cctgccaccc ttcccaccaa agtactatc   329

<210> 731

<211> 291

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (45)..(261)

<223> n=unknown

<400> 731
ccttgatgaa tacagtccat gttaatgcca aaaaaatggg aagangtcaa atttcctcca   60

ctgatggtag gtagcccacc tgaatcccca agttctttca ctgtcttgan atagcctcca   120

aggatatttt aaaatatgag agctttcttc agagatcttc ttcctttatg tncccaaaaa   180

558

cgcagtcatc tttagctatc ttaatcttgc tttttcttga tagaaaacta gaatagtctt   240

tctgcnggct ttgttgaatg nggtattttt tacctttgcg ttgttccgga a   291

<210>   732

<211>   372

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (139)..(213)

<223>   n=unknown

<220>

<221>   misc_feature

<222>   (367)..(367)

<223>   n=unknown

<400>   732
gattaagaat agataatctg attgctgttg ttttgtttgt ttggaaagaa aaaaaatgtc   60

tggcttcttc tactatttgt tttcactacc aaactgtgtt actaaatttc ttgtcatcct   120

tgtatgtaaa atgggtgcnc nnggtggagg ggtataanan gagggagagt cagagagagt   180

gtgtatgggn nnnnnnnnnn nnnnnnnnnn nnntacgcac acacactggg gatagataag   240

ctacctggta aagggtttga acatttacaa aatgtcacac tttttcttaa aagaaaaata   300

ttttgggggtt tgaataaaat ggaccaccat ttctcattgg aacccattaa ttaagaaaac   360

cagcatngtt tg   372

<210>   733

<211>   220

<212>   DNA

<213>   homo sapiens

<220>

<221> misc_feature

<222> (68)..(68)

<223> n=unknown

<220>

<221> misc_feature

<222> (193)..(220)

<223> n=unknown

<400> 733
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agtggaanga cattggggtc atcatcatta ctgctgaaat gttattactt tagattttat   120

caaaaaactt ggtgtcacca ggtcagaagg gaaaaaaaaa atcaaacttt tttctttttta   180

ccctcacaca ccntccaaca cagcacttcc gnttccctnn   220

<210> 734

<211> 425

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (122)..(213)

<223> n=unknown

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agcatctcat gtcagcacaa gattttctct cccatttaaa gtagaaaggg gacttcagct   120

tntcagtaaa aagcacagta agattgaatg caagcaaaag aatatgtaat ggatttccat   180

ttttcctaat aaagatnttg ctcaagaagt ttnaatctaa tttaattttt ctaataattt   240

acaaggagat aatagttcca aaatgtgagg ggacatacca ggtacagaaa tgcaggaagc   300

560

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cttgaaggtt ctatgacttc aactaatgga aaaacagatt tagcctaaaa aatgctgttg      360

tttttaaaca agtatgttta tgcaaactcc aaacagtaag tatctttgta cccacaagtg      420

gatgt                                                                  425


<210>   735

<211>   449

<212>   DNA

<213>   homo sapiens



<400>   735
ctcagagcag ttaagccaag ctgcctatgc tctaataaaa tacagtacta taacaataga       60

gaccagagag aaagaatttt gctgtttacc ttgtgcatca ccagctttaa tggaccacta      120

atactcagtc actgaagagg tgtgtgctct gttgcggggc agcataagct cgattcaact      180

tacaatacct agatgaactg tggctcaaaa cgacccactt cccttttctt ccatgctcac      240

taaagaacct gcagattgat tgggggtctt tagcaacttg aaaagggtgg acttgaggaa      300

aaactataaa tacaatagtc actggaaatt ctgtgtagac tcaactacac attagtaatt      360

agacacttag gtttagattt catatgcatt tagttcacag gtatcaatct ttgaaaacct      420

gcttgcttct tagtaatagc acagattat                                       449


<210>   736

<211>   528

<212>   DNA

<213>   homo sapiens



<220>

<221>   misc_feature

<222>   (503)..(503)

<223>   n=unknown



<400>   736
aatctgagaa tattttaggg cagtgatcct caaggtctcc aaatcagtag catcagtatc       60

gcctgggcaa ttcttagaaa tgaaattcta aggtggtaag gcccagaaat gtgtggtaat      120

tagccctaca ggtgtttctg atgatgtctg agaatcactg ctttagagct tcttatatat      180
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561

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ggattaacca cagacagtta cctgactgac ctcctccata atctgtgcta ttactaagaa        240

gcaagcaggt tttcaaagat tgatacctgt gaactaaatg catatgaaat ctaaacctaa        300

gtgtctaatt actaatgtgt agttgagtct acacagaatt tccagtgact attgtattta        360

tagttttttcc tcaagtccac cctttttcaag ttgctaaaga cccccaatca atctgcaggt      420

tctttagtga gcatggaaga aaagggaagt gggtcgtttt gagccacagt tcatctaggt        480

attggtaagt tgaatcgagc ttntgctgcc cccgcaacag agcacaca                     528
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<210>   737

<211>   408

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (348)..(348)

<223>   n=unknown

<400>   737
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gaaggacctg atagactggg ttaacaagaa taggtgtggt attgacaatg aacatgaaga         60

gtggattggt gatagggaga ttttgaattt tggtatttaa taggttttttc caagactaga        120

agtgatccat ttcatgtcag aatgatattt ttatacttca gctcaatttc tagagttttc        180

ccctttaaca ggataataag ccttcaacaa agaaccagat gaacagaaag tatactaaat        240

aagaaagaca actggttaac ccacattgaa aaagtgaatt gataataaaa gttatatgat        300

aaaatgagat aaaatgttta gctgtaaatt cagcaaaact aaaacaanat gataatagtg        360

ctgagaaggg tggatgaaac agttgctata atacgttact gatgttgg                    408
```

<210>   738

<211>   531

<212>   DNA

<213>   homo sapiens

<400>   738

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catgcagtct ctcttggaga tgtagtaaaa ataggatgaa ttcagtataa ataggattgc        60

ttcaaatctc acagcagaga tggactccgg agctcctccc tggagcagtt taattcaact       120

aaagctaacg aggacatttc tctgacccat accctctatt ctttcaacat aagtgaacat       180

gcctttgcca atagagtcgt tttcctttct gcacaagcat caccaaatat ttattttgtg       240

gtaaaaatat cagtgatctt atttcatatc tcaaaaccat catctccact ttaaagtaag       300

aaatgccagt actaagaaat atttcatatt gacaaaattg agtgaatcac agtagacaaa       360

tacatacctt gttttaaaca atccaatata aaaaagaata caacaattat ttgtcttaca       420

cagaaggatt ctttgcctta tggaaatatt tgacacagag tactttcaa tatcaagctc       480

tccagtggca ttggtttcaa ttatttttta aatgtaaaga gtatgtttga t              531
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<210>   739

<211>   359

<212>   DNA

<213>   homo sapiens

<400>   739
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ccatatttag gtacttaggt ccatacttag gtcctgtcag aatctcatag ccaactcata       120

atcttgttag ttaagccatc aatatcaaaa tcttactgtt acccttcagt tattccagtt       180

tttccagtta tgcaactaaa gcctgctagt tctccctttg aaatgttttc tgtttgtgct       240

agttttctat ttttctattg gtacatttca gcaaatttac taatctaaaa acaggacaaa       300

tttatctcag agttctaata ggtcagaaaa tgtgggctca attggagttc tgcgtgtag       359
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<210>   740

<211>   291

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (5)..(9)

<223>   n=unknown

<220>

<221> misc_feature

<222> (122)..(256)

<223> n=unknown

<400> 740
ttgtnagana catatttgag aaccggggtg aagatggtgg cagggagaat ggtcctttca   60

caaagatgtc cataaactaa tccttataaa tcttgaaaat atgttacttg atatggcaaa   120

anaaattttt caggtataat taagannnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnaactg aatagttttc tggccagatt   240

caagaagacg gacgcnacag aggggaagac cagaaagacc aaaaacacaa g   291

<210> 741

<211> 432

<212> DNA

<213> homo sapiens

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<222> (145)..(195)

<223> n=unknown

<220>

<221> misc_feature

<222> (371)..(388)

<223> n=unknown

<400> 741
aaaaatataa taagccagga cctaaagata agaagtcact tcttttgacc agagaagtgg   60

acaaaagtta gtctaaagta gagataatta cctctagagc tttctggtca ccatcacaac   120

tgattgaggc taaaagtaaa taggnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   180

564

```
nnnnnnnnnn nnnnnacagg caactgtgct gcacagttgg agcgctacta ttgttttatg    240

taccacattg gaaatcagtg tcatgggatg cctacccctt ttattgtatt ttttttcttt    300

taatttctta atctaattga acaaatacac aagtatctgc aattgtattg ttgtaatggt    360

taaaataaaa ntacatggtt tttattcntt tattgtccaa taccaaaatc ttacttagga    420

cattagtatg ct                                                        432


<210>    742

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<212>    DNA

<213>    homo sapiens


<220>

<221>    misc_feature

<222>    (370)..(370)

<223>    n=unknown


<400>    742
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tgacgaacat tatgcaatcc cagaaacagc atagtaactc gttccaatcc aatgcctcca    120

ccagcatgag gaggggctcc aaagcggaag gaatcaatgt aagccttaat tttctccaaa    180

tcaattccat gatgtaaagc tctctctgtt agcagttgag gatcatgtat tctttgagct    240

cctgacaata tttcttctcc tctcatgaac atatcgtaag agttggactg tttgggattt    300

cttgggtcag gcatggtata gaaaggtctt acagccaatg gatatttatc aagaatataa    360

aaatctgtan catactttcc tttaccaaat gacccaacag c                        401


<210>    743

<211>    343

<212>    DNA

<213>    homo sapiens


<220>

<221>    misc_feature
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<222> (268)..(268)

<223> n=unknown

<400> 743
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cctgtcttcc cttcccttc ctattttcc catttccct acttctttgc cagttttctt   120

tctgtttaac ccccttgatt accccccaac ttttaatttc ttctcttcct ccctccctcc   180

cttctgacta tattggttat tgggcactgg gagaatacta caataatgta gataaagccc   240

ttgccctcaa aaagaatgtc ttgcagangg gaggtgggac agggaagcag tcagttttac   300

tgtagtgtgc taattcagtg tgacatgatg gggcgggggt ggc   343

<210> 744

<211> 346

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (6)..(339)

<223> n=unknown

<400> 744
cttctngnct naattngtaa tttanctcaa taacgtatct catggcatcc taacaaattc   60

agaacattgt ccccactaat ggggctttgn caacagntgt accaanaaaa gcaaangcct   120

ccgcccttca nactcnagct ggactgaatg atcatctcct aggcttcttg cacgctantc   180

tctctgccta anangctttc ctcagnctnn cttnagtacc tgttnaattc tggcctntgt   240

aagcacttga tttagatgtc accccctgtt gaagccttgg gaagatnncc ccatggccct   300

ctgccacccc cgcnccatna tgtcacactg aattagcana ctacag   346

<210> 745

<211> 214

<212> DNA

<213> homo sapiens

<400> 745
gccagctaat actgctgttg gtatagacat ggaacaactg aacacttagg cgttgcagat   60

gctaatgtaa gtaggtacat tcactttggg aaataatttc acattattaa agttgaagat   120

acacataaca ctatgaccca gtattcctat gtcttagaga aatctctata cagacatacc   180

aggtaatgta tgtagttgtt tatacagtac tgat   214

<210>   746

<211>   189

<212>   DNA

<213>   homo sapiens

<400>   746
tacattacct ggtatgtctg tatagagatt tctctaagac ataggaatac tgggtcatag   60

tgttatgtgt atcttcaact ttaataatgt gaaattattt cccaaagtga atgtacctac   120

ttacattagc atctgcaacg cctaagtgtt cagttgttcc atgtctatac caacagcagt   180

attagctgg   189

<210>   747

<211>   454

<212>   DNA

<213>   homo sapiens

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<221>   misc_feature

<222>   (8)..(93)

<223>   n=unknown

<220>

<221>   misc_feature

<222>   (395)..(452)

<223>   n=unknown

<400> 747

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ctggaggnta cgtcacgtta tcgtattaat ttagaagatg agacacagga tttaaagaag        60

aaattaggtc aaatcagaaa tcaattgcaa gangcacagg atcgacatac agaagctgtc       120

agatgtgctg agaagatgca agatcacaag caaaagcttg aaaaagataa tgccaagtta       180

aaagttacag tcaaaaagca aatggacaaa attgaggagc ttcagaaaaa cctgttaaat       240

gcaaatttgt ctgaagatga aaaggaacaa ttaaagaaac ttatggaatt aaaacagtca       300

ctggaatgta atttggatca agaaatgaag aaaaatgttg aattagaaag agagataact       360

ggatttaaga acctcttaaa aatgacaaga aagangttaa atgaatatga aaatggagga       420

tttagtttcc atggnggttt naaaactagt cnat                                   454
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<210> 748

<211> 267

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (80)..(80)

<223> n=unknown

<400> 748

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cacataaaca gctcagtaat aaaatcttat ctttcagatc atataatttt tctttaaaac        60

ctgtacatat tctcttgatn ctttccaaac tagatcttga tttagatttg actcatcagt       120

agaccctaga ggggaagcta ttgatccaga ttccaattca gcagcagctt ctttgagttc       180

tctagttata ttttttttcca actcctgctg catcttgctc aagtagttct ccatgctatt       240

atttgaagcc cgcggattga ggcagag                                           267
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<210> 749

<211> 398

<212> DNA

<213> homo sapiens

568

<400> 749

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aaaaagcttc ctgagatgat aagaccacag agtgccatat caagctttag agtgagatcc      60

cctggtccca aaccacaagg gctactggca cagttatgta aaaggcagac tgactcttct     120

agctctgata tgcaagcctg ttctcaagac aaagccaaaa tatctcttgg ttccagcata     180

gattcagtca gtgaagggcc tcttcttagt gaggggagtc tctctgaaga agagggagac     240

caggatggac agcccctttt gaaagtagca gaaattttaa aagaaaagga attttgtcct     300

ggagaaagaa atagttatga acccatcaaa gagtttcaga agaagctga aaaattcttg      360

ccacttttttg ggcacatagg tggtacacaa agcaaagg                            398
```

<210> 750

<211> 465

<212> DNA

<213> homo sapiens

<400> 750

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ctgggctcct gatgaatgct gggaggtaac atccacagag gaaggatcat aggcagactt      60

tctgttagaa tggtcctcct gagggcttaa agtgctatga ggttcaagag ttgattttttt    120

ttctgtcgaa gtcccagtcc ctggagagga gacaaaatca tcttcatatg aaacaccact     180

tagaggagtt gcggtggcat tcaaaggccg tgatgttgat gttcctctgt ccaacttgtc     240

ttcaaaccct tttccatata actgatagga ttttgtaaaa atattaatga cgctatgtgg     300

acttcccttt gccaattctt cccatggtcc tttgctttgt gtaccaccta tgtgcccaaa     360

aagtggcaag aattttttcag cttctttctg aaactctttg atgggttcat aactatttct     420

ttctccagga caaaattccc ttttctttaa aatttctgct aactt                    465
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<210> 751

<211> 497

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature
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569

<222> (426)..(426)

<223> n=unknown

<400> 751
gaagaatgag accatctggg caggcctcgg tcatattatt ttggatgcgg ccaacccagc    60

agatggcagg gcctgtgttc ccagggtgac gaggggccca gggagccatc cacactccgg   120

caggcacatg ggctccctcc tgctggcacc cagagacccg gacccgcagg cctgcctggt   180

tcctggaagt cttcccagtc ttcccagcca gcccgggccc tggggagccc tgggcacagc   240

agcggccgag gggatgtcct gctccaatac ccgcactgct ctggagtttg ccctctttcc   300

caaggagatg ctgctgggga gctgagtatc ctgttccgcc tcctgccacc tggacctccc   360

tcagtggatg tcttccctcc cccgacccca gcctgtcagt ccgagcacag tgcagtgggg   420

cctgtnctca ctggtgctcc aggggaagaa acgacagcct cacttctgta tggactgctg   480

atgtggcctg catcctg                                                  497

<210> 752

<211> 110

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (22)..(98)

<223> n=unknown

<400> 752
tcgggggagg gaacacatcc antgaggnng gtccangtgg cangaggcgg aacangntac    60

tcanctccnc agcagcntct ccttgggaaa nagggcnnac tccagagcag                110

<210> 753

<211> 422

<212> DNA

<213> homo sapiens

<220>

<221>  misc_feature

<222>  (314)..(314)

<223>  n=unknown


<400>  753
ctggcatcct gcagacaggg agacagtgca atcatgatgg agcagtcctt ggcagtcatg      60

gcgacgcggt actgctgcac ctgcaggggc gggaaagatc agctccaggt cacacaggaa     120

gcctctgccc ccccacacaa ccttccttcc cagtagccaa gtgtgggaac tgcttcctgc     180

ctcagaacct gagggtggga ttaggagcga gggccacggt gagcacgggc gtcaggaggt     240

cgccctgtga gagcacctgg gccagccctc agtgccacgg ggctgctcag aggccagcac     300

cgccccctga cctntcacgg caagcagtgt gggaccccga ctccagaccc tgagacggat     360

gatctgtctt cagcaaggtc accacagtcg gcctttggaa ggaaaagcag taagccacct     420

ga                                                                    422


<210>  754

<211>  128

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (26)..(126)

<223>  n=unknown


<400>  754
atctaaaact atgcaaacca tatatnnaag tcnaaagaag gnagaggana cagtgcatca      60

nattctgcnc tgtagangag anagttgnga gcattgtggt gcctgnactt cacntttctc     120

cctggncg                                                              128


<210>  755

<211> 138

<212> DNA

<213> homo sapiens


<400> 755
ggtcagttat ggaaacacat caaagtactc tagaaccaaa agttaatttt tgaaagaaat        60

taacttaatg tacagatttt ataggaattc tggacgtatt taatatcgtg atgctagaag       120

aatgtcttac caattaat                                                     138


<210> 756

<211> 506

<212> DNA

<213> homo sapiens


<400> 756
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ttaactggtt gtacagttaa aatttttttc ttcaaatttt ctcatcagat aacctctcaa       120

atattttctc atcaaataac ttcttagaaa tggaggtttt attttaaaaa agacagtgtt       180

acatttaatg ctaggattga aatcttccta aagtgggaga ataaataata atgatgtatt       240

tctctgaatg ctttattgat tccactacaa tttgtccatg tgttaccatg tgttaccata       300

cttggtatat tatttcatat ccagagtcca ttcagtctta taagagctta ttaaatacat       360

actaatacat atcaaattat aaatgaatca gtgggcattc tacattttac atcgtatata       420

tgtacatata tatctacata taaatgctca agcatttagt tgttaagtga acgctttcat       480

tggcagaaaa cttacttgat gttaat                                            506


<210> 757

<211> 465

<212> DNA

<213> homo sapiens


<220>

<221> misc_feature

<222>  (346)..(439)

<223>  n=unknown


<220>

<221>  misc_feature

<222>  (567)..(567)

<223>  n=unknown


<400>  757
gtgcctatga aggggactgc ccatgaagtg aaagtcaagt gtgtgtctgc tgcggcagcc        60

acggaggcca aggacctcac gggagtaaaa gatgacgaga ctggcttcgg gagaaacacc       120

atccagaaga gacctttcaa aaaacttcta gagactcccc aagacgtatg agatgaaagg       180

cttcttctgt ctgtagaatt acatcaaaat aggactgatg cagttgggac agctcgtttg       240

aacagaaaac agattccaaa tgatctgaaa aaaaggattg caaaggggac gactgtagcc       300

agattctgtg gtgaacttat ggcactgaaa tggtgtgacg gcaagnaggt gacaatgttg       360

tnaacattcn acattgttac tgtgattgan gaaaccatta gaaatggaaa gaaaactaaa       420

aggccacgtg tcattgtgga ttataacgag aatatgggag cagtg                      465

<210>  758

<211>  569

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (439)..(439)

<223>  n=unknown


<220>

<221>  misc_feature

<222>  (567)..(567)

<223>  n=unknown

<400> 758
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cacattcggc acaaaaatag cgcgtttctt tccggatctt cttgccatcc ttgtcgtatt   60

gggagcagca aattttgcag cgaccagttg gattctgttt cccggacgtt gctggtatgc   120

tcttggggaa atgtcttcca gacagacgaa gaggtgtgac atcatcggag caaggacgac   180

ctcgaagatg ttgctgccct ggcttgtgat gcttttccag cattctttca atcaatgcca   240

gtctgaagtt tatatggctc atcgtgtgct caggattatc cttcttgaac aggatgtagg   300

agttcagcac tgtaatgtgt agaagatggt gaaagaattt cttataccaa accttgtgtc   360

ttttgcgctc agatggataa gaagtaagca tttgatcagc cgagtccact gctcccatat   420

tctcgttata atccacaang acacgtggcc ttttagtttt ctttccattt ctattgttta   480

cttcaatcac agtatcattg tggaatgttg acaacattgt cacctccttg ccgtcacacc   540

atttcagtgc cataagttca ccacagnat   569
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<210> 759

<211> 435

<212> DNA

<213> homo sapiens


<220>

<221> misc_feature

<222> (91)..(91)

<223> n=unknown


<220>

<221> misc_feature

<222> (337)..(337)

<223> n=unknown


<400> 759
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tggtcctcac tgatctttct gggtgggagg nggcttgtgc ggctacaccc tgggcaggcc   120

agccccgccc ccgggtttat tgccccaggc tgctactggc acaagccaca gaccagcagt   180
```

574

```
cccagcccag ggaagctcgg aagatgccta ggagggcctc aaggctcatc cacaacatgg    240

acctgcgcac aatgacacag tcgctggtga ctctggcgga ggacaacata gccttcttct    300

cgagccaggg tcctgggggaa acggcccagc ggctgtnagg cgtttttgcc ggtgtacggg    360

aacaggcgct ggggctggag ccggccctgg gccgcctgct gggtgtggcg cacctctttg    420

acctggaccc agaga                                                     435


<210>  760

<211>  325

<212>  DNA

<213>  homo sapiens


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<222>  (35)..(35)

<223>  n=unknown


<220>

<221>  misc_feature

<222>  (287)..(287)

<223>  n=unknown


<400>  760
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actagcttag ttgtgaaata attcctactt cttcccctca tagaatgaaa gagattcatg    120

agtaggtaat aatagcatat tcttataatt gaaatgatag aattattatg tgagtgctta    180

acctagctta attatgcaga gaaggcttgc tggaggaggt ggcaccagaa atgtgtattt    240

gaggatttga tcagcaaatg gaacattctc agcagaggga aaatgancac aaagataggg    300

aagtgagaaa tttaatggca tgatt                                          325


<210>  761

<211>  447
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575

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (144)..(318)

<223> n=unknown

<400> 761
atgggaccat tctccatctt atagcctcta tttctgttgg ttgcgtcaat atcacctaag   60

ccctcaagta gaaagcttac aaatctcaat tcttctttct tcatagtcta catctccaac   120

ttactactag cacctctagc tatnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnntc tctgctctgc   240

agtcatcatg aatcacttct taacaagaag ctctgcattt nnnnnnnnnn nnnnnnnnnn   300

nnnnnnnnnn nnnnnnnntc tcccatgtcc ttcatcctct gtaaaatatg tgttagcctc   360

taatcatgcc attaaatttc tcacttccct atctttgtgt tcattttccc tctgctgaga   420

atgttccatt tgctgatcaa atcctca   447

<210> 762

<211> 507

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (30)..(48)

<223> n=unknown

<400> 762
attataggtt tggtcaagac catgccaggn caaaccttat ttggaatntc aaaacacgag   60

aagaactgaa agatactctt gaatctgaaa tgagagcatt taatattgac agagaacttg   120

gaagtgcaaa tgtgatctcc tggaaccacc atgagtttga ggttaaatat gagtgcctgg   180

```
cagaggaaat taaaatagga gactattacc tgagattact attggaggaa gatgagaatg      240

aagaaagtgg atcaattaag agatcgtatg aattttcaa tgagctttat catcgcttct       300

tgctcacccc aaaagtaaac atgaagtgtt tatgtttaca agcccttgct attgtttatg      360

gcagatgtca cgaagaaata ggacctttta cagataccag atatatcatt ggaatgttag      420

agaggtgcac agataaactt gaacgagata ggttgattct cttccttaac aagttgatcc      480

ttaataagaa aaatgttaag ggatctc                                          507
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<210> 763

<211> 458

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (433)..(454)

<223> n=unknown

<400> 763
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agctcggctt acatggagat gtgcaagggt aagcaagtcc acaaggattc ttattccatt       60

tgaatccatg agatccttaa cattttttctt attaaggatc aacttgttaa ggaagagaat     120

caacctatct cgttcaagtt tatctgtgca cctctctaac attccaatga tatatctggt      180

atctgtaaaa ggtcctattt cttcgtgaca tctgccataa acaatagcaa gggcttgtaa      240

acataaacac ttcatgttta cttttggggt gagcaagaag cgatgataaa gctcattgaa      300

aaattcatac gatctcttaa ttgatccact ttcttcattc tcatcttcct ccaatagtaa      360

tctcaggtaa tagtctccta ttttaatttc ctctgccagg cactcatatt taacctcaaa      420

ctcatggtgg ctncaggaga tcacatttgc actncaag                              458
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<210> 764

<211> 462

<212> DNA

<213> homo sapiens

577

<220>

<221>   misc_feature

<222>   (178)..(178)

<223>   n=unknown

<220>

<221>   misc_feature

<222>   (413)..(413)

<223>   n=unknown

<400>   764
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ccaggcagcg gagtttcgtg agtgctcgca gctcatacct gtggctgtgt atccgtggcc   120

acagctggtt ggcgtcgcct tgaaatccca ggccgtgagg agttagcgag ccctgctnac   180

actcggcgct ctggttttcg gtgggtgtgc cctgcacctg cctcttcccc cattctcatt   240

aataaaggta tccatggaga acactgaaaa ctcagtggat tcaaaatcca ttaaaaattt   300

ggaaccaaag atcatacatg gaagcgaatc aatggactct ggaatatccc tggacaacag   360

ttataaaatg gattatcctg agatgggttt atgtataata attaataata agnattttca   420

taaaagcact ggaatgacat ctcggtctgg tacagatgtc ga   462

<210>   765

<211>   490

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (444)..(444)

<223>   n=unknown

<400>   765
gaacagctcg tggctcttcc aggacctggg gctccatctt gcagaacagc tcgtggctct   60

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tccaggacct ggggctccat cttgcagaac agctcgtggc tcttcaggac ctgggggctcc    120

atcttgcaga acagctcgtg gctcttccag gacctggggc tccatcttgc tgaggggtgc    180

tttcttgaga ctccttaggg acgattctga ttttccctgg agctgtacaa tggcggttta    240

tctttcaagg tcccctgggc ctgggctccg aggcagccac tttccctgga gcccgtgaag    300

gaggtttgga cgccagctgg gctgcctgcc tgtggcgggg caggaatgag agctggtgcg    360

gctggggccc ctgggtgcct ggtcctgctc tcatgacgcc caacccttga acctgacatg    420

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ggcggggctg                                                           490


<210>   766

<211>   244

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (4)..(239)

<223>   n=unknown


<400>   766
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aacaagtcna naaacagcat tnggacnggn ntaacaccaa atgctgncnt agaangnnct    120

angncacacn cngaccntgt actctagcac tttcctctac ctccccagct gggcactgnc    180

ctattttaca ttctcaggct gagggtgagc aacctncagc tggggagcca gngcgggtng    240

tagg                                                                 244


<210>   767

<211>   173

<212>   DNA

<213>   homo sapiens


<220>
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<221> misc_feature

<222> (31)..(31)

<223> n=unknown

<220>

<221> misc_feature

<222> (149)..(152)

<223> n=unknown

<400> 767
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tttccttagg acaaacaagc atttcaaaag gtttgaacta cctaaccatt atggcaccag   120

gaaacctctg gcatatgaga aataacttnt tntttggttc aagatgttgg atg   173

<210> 768

<211> 401

<212> DNA

<213> homo sapiens

<400> 768
attatttttaa aaaaatcagt gtggacttcc attcctcttt cttttgattc cccccttttga   60

cttttcatgt atctctcctg ccttccttcc ccagagtgga ggagttagac ttgcctcgtg   120

ggatgagagg agttgtggct ttgtgtctgc tggcaccaag agggctgagg gtgaggtgtg   180

gaagggacag ggggaggaga tgggcagcat tgttgagaga ttggtaacac tgagcaaata   240

aatatgttga gaatgatgac agcaagattt ctccattaga gaaggtattt ataaaaatag   300

gaatgaggag agctagaaac ctggagtgtg gcattagaat agaactcata tcttttaaat   360

atataggaac aaataaataa attgttgtgt gtgcacatat g   401

<210> 769

<211> 359

<212> DNA

<213> homo sapiens

<400> 769
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ctatttttat aaataccttc tctaatggag aaatcttgct gtcatcattc tcaacatatt   120

tatttgctca gtgttaccaa tctctcaaca atgctgccca tctcctcccc ctgtcccttc   180

cacacctcac cctcagccct cttggtgcca gcagacacaa agccacaact cctctcatcc   240

cacgaggcaa gtctaactcc tccactctgg ggaaggaagg caggagagat acatgaaaag   300

tcaaaggggg gaatcaaaag aaagaggaat ggaagtccac actgattttt ttaaaataa   359

<210> 770

<211> 518

<212> DNA

<213> homo sapiens

<400> 770
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gcagtatggg ccagattaaa aacgggttga attaccacat ctgacatgtg ctgatcagtt   120

ttatccatta agggagttgg tgcttggtat gctctaagac tgtctatatt tcaatctgtc   180

tggtcctctt cttttttttca atggttcgaa tgaaaatatg ggtagcatgt ttatctgatg   240

tgtggctagc attcattgta aatcaaaaat tgcctgtggt gcaataaata tggcagtaaa   300

taaagacaga catggcccct atcatacctt tagagctatc aaatgaggta acagaattag   360

gagctaaaat gacctcagca ggttataata atgtaattaa atttaatagg gataaataac   420

tagtcctgca tttgggcaaa gatctggctt agcaacaaaa cctttgaaaa agacttagga   480

ttttagttga taacacgctc aatatctgtc caacagtg   518

<210> 771

<211> 565

<212> DNA

<213> homo.sapiens

<220>

<221> misc_feature

581

<222> (355)..(377)

<223> n=unknown

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aatcttctaa tttcttctct ggtgtgagaa ttataaccac cccaaacatt ggaaaacatt   120

agcaacaatt cagtcactca ttaagtctgc aaatattaaa tatttcatag ttacacagtc   180

ttgccaaacc aactctcaaa tcaagaaaga gtgaaaaaac actttaaaca ttttactata   240

aatgctgttc tttaaccata atgtctttta tcattttttt caaaataaat ttgtaatgag   300

cttttttgca aaaattttta tcaaaaataa ttaagtttgt ctagtttacc taaannnnnn   360

nnnnnnnnnn nnnnnnnaca tgtagacaga gagattgcag taccctgaag ttacagataa   420

aaacctgtcc cttaccatcc cttaaacctt agaaaaatat atggctttgg ggacaatgtt   480

aataatattt atataacgaa gaaaaatatg cttagataat aaaagtcata ggacagaaag   540

gcatctgaaa agaaattttt tacaa   565

<210> 772

<211> 467

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (294)..(408)

<223> n=unknown

<400> 772
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tgattcatgt gagttcaaca ctgatggctc tttgaggaag gggttacttg gcatgagaac   120

tcaagggtta gatggctctg agggtgcacg ttgggaatca ttcagtcaag aaatgctttc   180

ccgagtggct gctgcaaacc aggcatagga tattttcagt ccacttcggg gactcaaaag   240

tgtagaacag agtagtagaa acaacataga gaaccctaaa ggctgaagtt gtgnnnnnnn   300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   360

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnca ctgagttttt      420

atacttttgt tcatttgtct atttgtatag aagatcacat tttttta                   467
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<210> 773

<211> 423

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (129)..(406)

<223> n=unknown

<400> 773
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aatcagggcc tcaggctacc tatgtcattg gctaatgcac tgacagagtg tctaatagaa      120

cagagctgnn gncagantct agggcngccc cacatanaaa tnaacacact tagcattcnn      180

actataacag tcattcaagg agcaataaac acactaaccc cctcccctac agaccacttc      240

tcttggnaaa aagaacaact cctgggccct tgttgaaacc cagataacag tggtctttaa      300

aaaaatgtga ttcttctata caaatagaca gttgaacaan agtataaaaa ctcagtgtca      360

acaaatggtg ctagaacaac gggacntcca tacccaaaat antggntttc aacccataac      420

att                                                                    423
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<210> 774

<211> 364

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (332)..(332)

<223> n=unknown

<400> 774
ctctaaacgc tgagctttttt tcagactatt ttaattcctg ccccgttatt actataccag   60

gtcgtacatt tcctgttgat caattttttt tggaagatgc aattgctgtg acaaggtatg   120

tattacagga tgggagccca tatatgcggt ccatgaaaca gatttcaaag gaaaagctta   180

aagcaaggcg gaacagaact gcatttgaag aagtggaaga agacctaagg ctctcccttc   240

acctccagga tcaggattct gtcaaagatg cagtgccaga tcaacagtta gattttaagc   300

agctcctggc ccgctataaa ggggttagca antcagtcat caaaacaatg tccatcatgg   360

attt   364

<210> 775

<211> 242

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (18)..(234)

<223> n=unknown

<400> 775
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tttngntttt tnttcccctt ctctgttctg anttctctca gtcgagcctt ggcgaccagg   120

naaagaaaaa aaaaaggcgn atttctnttc atgcccctct caccccanta aaaagtagga   180

gaaaaagaan acacnnatta aaacanantn gtatnatana tncactttng annnatcagg   240

tg   242

<210> 776

<211> 453

<212> DNA

<213> homo sapiens

<220>

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<222> (369)..(369)

<223> n=unknown

<400> 776
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cttctcttcg tctaccttga ttaaacgtgc acttcgcagt cctcggttct ccatacccgt   120

gacctgggga tcgctacgga ccttaaaata cccgcaacag ccccttcgtc ccaagtaagt   180

aggagaattg cttccctttc ggtttaaaat ctctctgagg ccgttccttg ctctctgcct   240

ttcttcctta ggaccatgta gacaacccca ttcaggtagt gttcccgctt aaaaccctct   300

gcttgggccc cgcgccaagt cgagtcctca ttcgggatgt ggactagcgc ccttcgcgat   360

ccccgagcnc ctccgtcgtc tgcccctgga ggggagcgcc cactgtccgg ctcctgaagg   420

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<210> 777

<211> 100

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (8)..(86)

<223> n=unknown

<400> 777
gttctgcnca atgctctgca acttacttca cctctngtag ctctttctcn ngantntttc   60

cgntantntc caatctaaaa nccannatgc ctcttttccc   100

<210> 778

<211> 508

<212> DNA

585

<213> homo sapiens

<220>

<221> misc_feature

<222> (341)..(422)

<223> n=unknown

<400> 778
ctaaagtgca tatgggtgca tgtttttcaa aagtttataa tgggtgtccc ttgaaaattc   60

actgtgcatc atcatggata aacccagata ctagagatca gtacttgata tttggtgccg   120

aagaagggat ttatacgctc aatcttaatg aacttcatga aacatcaatg gaacagctat   180

tccctcgaag gtgtacatgg ttgtatgtaa tgaacaattg cttgctatca atatctggta   240

aagcttctca gctttattcc cataatttac cagggctttt tgattatgca agacaaatgc   300

aaaagttacc tgttgctatt ccagcacaca aactccctga nagaatactg ccaaggaaat   360

tttctgtatc agcaaaaatc cctgaaacca aatggtgcca gaagtgttgt gttgtaagaa   420

atccttacac ggggccataa atacctatgt ggagcacttc agactagcat tgttcattag   480

aatgggttga accaatgcag aaatttat   508

<210> 779

<211> 564

<212> DNA

<213> homo sapiens

<400> 779
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tgttcttagt gtatatactc acattaaaat ataaagaaca tataccaaaa agagccaaaa   120

gtgtgcattt tgctaaaacc tggtatatac atattccatt ggaaaaaagc aatcaaaaat   180

gacttaaacc aaaactaagt tcctgtgatg tgtagtaacc atatattgtt tgtatgagtg   240

tagtaactaa attattttgg ccatgtatta atactctaag tcaaaagaaa tatgaaaagg   300

atcataaaat aaggccaaca aaagtaaaaa ttccaagaga aatttgaacc acttcactct   360

atggaatgtt acagttcttc agtgtgatca tatgaaatgt ttagtgagga ctctttaata   420

atgctaatta attctttgtg catactgtaa ttctgaccac aattgcagta ttctatcatg   480

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gtaccgctat tctgtgattc aaaaatgttc aaaggtattg tttttaagca aagacaagca      540

atcttacagg attctgctta aata                                             564


<210>   780

<211>   460

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (369)..(422)

<223>   n=unknown


<400>   780
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tggttcgagc ccagggtgcg cttcgggacc gcttgcggtt accagaaagt gaacaaatgg      120

tccatgagcg gaaggtgagg cacctgaggc agagaaagta aagaaacgcg ccgccgagaa      180

gcagtgcctg ggtccctcac ggaggaaatt gtcttctcct tagcccgttc gcttggcagt      240

gaggtccctg gcgtccctgg tttgatccca gggtacgcct cgggccacta gtgttacccc      300

aaggtgggca gaaagcccat aaggggaagg cgaggcacct ggggcagaga aaaaaaaaa       360

cttcgccgna ganaagcgcg gcctgattcc ccanggacga aagtgtnttc ccatnagtcc      420

cngcactggg acccgggggac cctggtgtcc ctggttcgag                           460


<210>   781

<211>   463

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (259)..(259)

<223>   n=unknown
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587

<400> 781
ctttccctca tgggctttgt gctcccaaag ctccccttgg ggtgcacgta gcggctgagg   60

cacaccctga gctcgaacca gggacaccag ggtccccggg tcccagtgca gggactgatg   120

ggaagacact ttcgtccgtg gggaatcagg ccgcgcttct ctgcggcgaa gtttttttttt   180

ttctctgccc caggtgcctc gccttcccct tatgggcttt ctgcccacct tggggtaaca   240

ctagtggccc gaggcgtanc ctgggatcaa accagggacg ccagggacct cactgccaag   300

cgaacgggct aaggagaaga caatttcctc cgtgagggac ccaggcactg cttctcggcg   360

gcgcgtttct ttactttctc tgcctcaggt gcctcacctt ccgctcatgg accatttgtt   420

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<211> 219

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (130)..(177)

<223> n=unknown

<400> 782
gttaagcagg gttttaaaa catggtgtta atgtacataa tgcagccatt ctcaaaagta   60

tgacatgggg agacccctgg aggttttctg agaccctttt aaggagtctg ccgagtcaaa   120

actattttn tgatactagt aaaacatttg cttttttcat tctgtctctc acaagtntag   180

agtggaattt tccagaggtt acatgatgtg tgatatcac   219

<210> 783

<211> 171

<212> DNA

<213> homo sapiens

<220>

<221>   misc_feature

<222>   (28)..(88)

<223>   n=unknown

<400>   783
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aaacatctat cctccgttga cacctggnag aatgagattc caactcactc cagggcatgg   120

ccagaaaaat tcaacaaaag gttttgctaa atcctctgca ctattatcta g   171

<210>   784

<211>   148

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (118)..(118)

<223>   n=unknown

<400>   784
cagacctccc ccttcttttt gtcaacttgc tgggagcttt gctttattgg ttggcagtga   60

cctaagaaca ggatatggtg aggatgtcat ggaagagaag agctctttcc gtggtatnct   120

ttggcaagag ccatgtctac taagaggt   148

<210>   785

<211>   145

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

589

<222> (59)..(59)

<223> n=unknown

<400> 785
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gggcatcccc ccatgcacat acatggaagg gcggcacaag cattcttcga tgctatcaaa 120

catagtgaag aaacagatgc tgtga   145

<210> 786

<211> 223

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (19)..(216)

<223> n=unknown

<400> 786
ctagagcctg caggcagtng gggtgtggga cttnacacac atagagatca ggagagctgt   60

aaagactcac nntgatggct catgtgggtg gtgactnacc cgtgtnagag ggtgctgctg 120

gcaggcagag ctggcagagg nagataggnt tgagggtctc accttttggt atacccacac 180

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<211> 270

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (66)..(260)

<223> n=unknown

<400> 787
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agagangaca gtatctaagg ngtaatataa gaaatatttc caaaactaaa ggaatttcta   120

tataaaaagt ttctttttca gaacactggg gnaaaagaga caattttaaa atgttgcagg   180

gaggngnaaa attaggttcc atgcaaagaa aataggngtc agatggtatt gngattttca   240

gtagcaacaa ctgnttnccn caaatacagt   270

<210>   788

<211>   393

<212>   DNA

<213>   homo sapiens

<400>   788
gaggaatcgg agtagaatgc gtcagttgga cacaaatgta gagcgaagag cccttggaga   60

gattcagaat gtgggcgaag gtgccaccgc cacacaaggc gcttggcagt cctcggagtc   120

ctcacaggca aacctggggg agcaggccca gagtgggccc cagggaggaa ggtctcaacg   180

tagggagagg cataaccgaa tggaaagaga tagaaggcgc agaatccgca tttgctgtga   240

tgagttgaat ctcttagtgc cgttctgcaa tgccgagact gacaaggcca caactctgca   300

gtggaccaca gcattcctga aatacatcca ggaaagacat ggagattctc ttaaaaagga   360

atttgagagc gtattttgcg gtaaaactgg ccg   393

<210>   789

<211>   565

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (16)..(541)

<223>   n=unknown

591

<400> 789

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nttattnagg gtgactttnt attncactan cgtctattgc tattacctgt ngtnattgat       120

aagtaaancc actcattgan aaacccaatt ccaaacacca cagtttgnna nacatgaagt       180

aatgaatgac tctnggtatg naaacntggc ntttaagcgt ctactgtnan agtatttcat       240

ttgnggncaa aagtagnttt aaagcaagta tctngaaaat ttttagcaca caggtttaaa       300

atgntcctgc acgttgcnat acagcngcac gtnactcana gtnatgacna gggggtntga       360

tataacnaat gaaataaaat ttccaaactg tntttagttn acaatttaac ttgtnccaat       420

tgctaaaggg gcatntttaa aaggtaanta antananagc cgtgtncnnt ttnagcttaa       480

anacagtaca nagngntgtc aatttttttaa gttatcatgt taagataaca tgatggccnc       540

ngagcattgc taaaatgcta ctaat                                             565
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<210> 790

<211> 509

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (43)..(118)

<223> n=unknown

<220>

<221> misc_feature

<222> (225)..(225)

<223> n=unknown

<220>

<221> misc_feature

<222> (366)..(380)

<223> n=unknown

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ttncagctct gatcaatcgc atganggctg atgggatgcn ggtnatcctc attctggntc   120

cagccatttc tggcaatgag acacagcctt atcctgcctt cactcggggc gtggaggatg   180

acgtcttcat caaataccca aatgatggag acattgtctg ggganaggtc tggcctgatt   240

ttcctgatgt tgttgtgaat gggtctctag actgggacag ccaagtggag ctatatcgag   300

cttatgtggc cttcccagac tttttccgta attcaactgc caagtggtgg aagagggaaa   360

tagaannnct atacaacann tccacagaat ccagagagga gcttgaagtt tgatggcatg   420

tggattgata tgaatgaacc atcaagcttc gtgaatgggg cagtttctcc aggctgcagg   480

gacgcctctc tgaaccacct cctacatgc   509

<210> 791

<211> 333

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (29)..(332)

<223> n=unknown

<400> 791
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cactactgca aaaatanatt attttancc nccnnactct cnttnnagct ttgcctgctc   120

agatctcaat ctcaccagta gccctttatg ctnnggnttt ctcaagaccc tcttcttcnn   180

gngagtngac tcttcctttt tcctcccat nnngctgcng acaattttnc attaggttct   240

tacttaggat cactnttacn atcatcttcn gttncatcng atcttncctt ntgtttgccn   300

ntncnttgct nancangcnn ncnccaacta gna   333

<210> 792

<211> 475

<212> DNA

<213> homo sapiens

<400> 792
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ggacggttga tggtatcgtg gtggtggagt ctggtcacat gactctagaa aactgcatat 120

taaaatgtga aggaacagga gtgtgtgttc ttacaggggc tgctttgaca attacagaca 180

gtgaaataac tggcgcccag ggtgctggtg ttgaactgta tcctggaagc atagctattt 240

tggaaagaaa tgaaattcat cactgtaata acctcagaac cagtaacagt tcaaaaagca 300

ccttaggtgg agttaatatg aaggttcttc cagcacccaa attgaagatg actaataatc 360

atatttatag caacaaaggc tatggagtaa gcattcttca accaatggaa cagttttta 420

tcgtagcaga agaagctctc aacaaagggg cttcttcagg agataaaaaa gatga 475

<210> 793

<211> 559

<212> DNA

<213> homo sapiens

<400> 793
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ttaacatcaa ttcagacgct ttaacttgtg actattctga tatcccctt gacgtttgct 120

tctatcttat tattattcat ttccagattc agattttgca ttactttgaa gagcatttta 180

tcatctttt tatctcctga agaagccctt ttgttgagag cttcttctgc tacgataaaa 240

aactgttcca ttggttgaag aatgcttact ccatagcctt tgttgctata aatatgatta 300

ttagtcatct tcaatttggg tgctggaaga accttcatat taactccacc taaggtgctt 360

tttgaactgt tactggttct gaggttatta cagtgatgaa tttcatttct ttccaaaata 420

gctatgcttc caggatacag ttcaacacca gcaccctggg cgccagttat ttcactgtct 480

gtaattgtca aagcagcccc tgtaagaaca cacactcctg ttccttcaca ttttaatatg 540

cagttttcta gagtcatgt 559

<210> 794

<211> 513

594

<212> DNA

<213> homo sapiens

<400> 794
gtaacaccaa gggcaggtgg gcaggcctcc gccctcctcc cctactccag ggcccactgc   60

agcctcagcc caggagccac cagatctccc aacaccatgg tccgataccg cgtgaggagc   120

ctgagcgaac gctcgcacga ggtgtacagg catttagttg catgggcaag agcaaggaca   180

ccacggccaa gaggagcaag ggctgagccc ggagcacgtc gaggtctacg agaggaccca   240

tggccagtct cactataggc gcagacactg ctctcaaagg aggctgcacc ggatccacag   300

gcggcagcat cgctcctgca gaaggcgcaa aagacgctcc tgcaggcacc ggaggaggca   360

tcgcagaggc tgcagaacca ggaagagaac atgcagaagg cactaagctt cctgggcccc   420

tcaccccag ctggaaatta cgaaaaagtc gcccgaaaca ccaagtgagg ccatagcaat   480

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<211> 552

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<223> n=unknown

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ttttctaa tttccagctg ggggtgaggg gcccaggaag cttagtgcct tctgcatgtt   240

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cgccttctgc aggagcgatg ctgccgcctg tggatccggt gcagcctcct tcgagagcag   360

tgtctgcgcc tatagtgaga ctggccatgg gtcctctcgt agacctcgac gtgctccggg   420

595

ctcagccctt gctcctcttg gccgtggtgt ccttgctctt gcccatgcaa ctgctgcctg   480

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<211>   352

<212>   DNA

<213>   homo sapiens

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ttccgcgtct tcgttttgac catcccgcac tctcgtgttt tattttgggt cctctgtttc   180

gacaccggga ggtaggaaat catgggccct ggaggccccg actgtgccca gagccagccc   240

acaggatctg actgtcagag cgattctcag aaggaatgtg ggtagtagat tttgtgtcgg   300

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<212>   DNA

<213>   homo sapiens

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cctgctagtc caggctggtc ttgagctgcc cttgaaatct ttgaaaatgg agctgtgatt   180

tttttttttct tgcaaaactg ggagctgggc tggctccagc cggcttgctt tttgaggagt   240

gaccatttct gcaccatttg ctctacaggc agccactggg gagaatgcct gctgcgttgc   300

gtctgcgttt cacaccaggc cgttggggag agattgtgag cgccttcagg tcaggattgg   360

ggtctttgca tcaatggctg gagcctcagc gcccactcca cacagtaaca gctcaggaaa   420

ggcctgctgg ttgatcccaa atccacgtag aacggttcca actgcagcgg ggaagatggg   480

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596

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tctaattcct ggaacatgct cctttgatat ggtgatgcat tttctgaaac atgccttaca   180

cacctcctta ctagcttttg aaatctgcat tgcacaggcg aatatcatgg gcatggggtt   240

tggcaacccg ggggttaagc aatgtcaggc tgacgctatt cgtgtaacca gcacaggtgc   300

agggttttag tgctgtagca gccaatcagg ggcagacagt gtgggttgag tcatattttc   360

cgtttacaga accaatgggt attttacata acgacaggga ngtcangctg angacatac   419

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<211> 427

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ggttgccaaa ccccatgccc atgatattcg cctgtgcaat gcagatttca aaagctagta   240

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gaattagaaa cttcttcatt gccaacagtt tgcttttctt tgctaatcag tgtgttccaa   360

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<211> 292

<212> DNA

<213> homo sapiens

<220>

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<223> n=unknown

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atgtatgact gggacacagc tggagaagaa catatctctt tttaaaaagg aaagttggat   240

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<210> 801

<211> 397

<212> DNA

<213> homo sapiens

<220>

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<222> (35)..(35)

<223> n=unknown

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<222> (393)..(393)

<223> n=unknown

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gactacccaa tgttggagga taatggcccc aacgcaaaaa tgggatcttg ccaccagaca   180

aatgggatat agatgccagg ctgcaaaatc caacaaatgt acacgtgccc aaatcccgac   240

tccatcacta atagccatgc aatcctctga ctatcaatta gattaattga cactcttttt   300

tctctcgcta ctgtggtaca tgcagtagtt acctttattc ttcactttgt tttctcataa   360

gactaacaag cagttttta aaataaagaa atnaaag   397

<210> 802

<211> 108

<212> DNA

<213> homo sapiens

<400> 802
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ttcagctaac ctgggaagtt atctggagaa accacaacag aaggactg   108

599

<210> 803

<211> 109

<212> DNA

<213> homo sapiens

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taggagttcc ttcaagacag gctcattgga atcacattac tccagttcc   109

<210> 804

<211> 132

<212> DNA

<213> homo sapiens

<400> 804
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<210> 805

<211> 414

<212> DNA

<213> homo sapiens

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agtgtaccag cagttctgag gctcagcagt atagcccaag aactatgaac tcaggatgat   180

agaagtgaaa gaccatcaca tggtgaggtc aagggatatc tgtaggcacc tacttcacag   240

ggtccatgct gaaagactgc aaccaataca cagcgcttat ctgggggcat acactggacc   300

gatatagttt cacaatcaaa atatttccca acaaaatgtg cactgttatt ctggtcccca   360

gtcagtgcac ctggcctgag tttttttagtc aggaaaaatt tctcaaagat gatt   414

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<211> 441

<212> DNA

<213> homo sapiens

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<222> (3)..(369)

<223> n=unknown

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agtatntatg gaggaaaanc agaatcatct ttgagaaatt tnncctgact aaaaaactca   180

ggccangtgc agctgactgg ggnccagaat aacagtgcac attttgttgg ganatanttt   240

gattgtgaaa ctatatcggt ccagtgtatg cccccagata agcgctgtgt atnggttgca   300

gtctttcagc atggaccctg tgnagtaggt gcctacagat atcccttgac ctcaccatgt   360

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<222> (130)..(142)

<223> n=unknown

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<222> (434)..(434)

<223> n=unknown

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ctccaaccan gctctnccca anttctgagt cagctcctgt ttcttagaga gctggagggt   180

ggatgcttgc cccattcagt gcacctttcc ccttctctac ccttggtcct taatgaggat   240

ttgtgcatca aagcacagcg ttctctacca ctccctttaa gtggtaggtg caaatacct   300

gtcttgtatt tcttcccaag ctggaagtag gttttttgctt gtaaaactgg agcagggaga   360

agagttacta tctggagaga atggaaaaca tctgcaaaat gaacaaatct cctgttttcc   420

gtggcactgg ggcnttaaac agtgtcacag atggcttcac taggggatta tggacaacat   480

gaagagatcc aaacatgtct   500

<210> 808

<211> 378

<212> DNA

<213> homo sapiens

<220>

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<222> (316)..(373)

<223> n=unknown

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gattaaacaa gttcaagttg ggttttagtc acttgtaact taagaaaccc tgcataatat   180

tgcactgcca tcttgattat acagacaagg gaactgaggc tcagaggtca actaaatcat   240

catagaaacg tatattaagg cacaaggttt tgaagctgga tttgtctgga ctccaaagcc   300

agagttcttt tcttanacca ttttgcctcc caattgagnc cacaattncn gntcacaaga   360

gaaggggtna atnaacag   378

<210> 809

<211> 409

<212> DNA

<213> homo sapiens

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ccagtacctg taaaatccag aatattactg aaaaaagagg aggaagtcta tgaacccaac   120

cctttcagta aatacttgga agataacagc gacctctttt ctgaacagga tgtaacagtc   180

cctcccaagc ctgtctcgct ccatccttta tatcagacta aactctatcc tcctgctaag   240

tcactgctgc atccacagac cctctcacat gctgactgtc ttgccccagg acccttcagt   300

catctgtcct tctccttgag tgatgaacag gagattctca caccctcctc agtcacaacg   360

catgcaacaa gctgagtcat ccaatggtgg gtaattcctg aacatgaag   409

<210> 810

<211> 591

<212> DNA

<213> homo sapiens

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atgctatata attgcagcaa acttttttt tggttctgct gcactgcagc tcataaaggg   180

agcactcatt ctggaaaaaa aaaaaaagt taaatctagc aagtggttag caccagcatt   240

ccaaaaaact tcagcagcct gtgttttcag cctctgctcc aacttcattg ctctttggaa   300

tcaagagctt catgttcagg aatagccacc attggatgac tcagcttgtt gcatgcgttg   360

tgactgagga gggtgtgaga attctcctgt tcatcactca aggagaagga cagatgactg   420

aagggtcctg gggcaagaca gtcagcatgt gagagggtct gtggatgcag cagtgactta   480

gcaggaggat agagtttagt ctgatataaa ggatggagcg agacaggctt gggagggact   540

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603

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<211> 398

<212> DNA

<213> homo sapiens

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tccccaagtc tggaagaaca atcaaatgat gggaagaaag atggagatat gcatagttca   180

tctttgacag ttgagtgttc taaaacttca gagattgaac caaagaattc ccctgaggat   240

cttgggctat cttttgacagg ggattcttgc aagttgatgc tttctacaag tgaatatagt   300

cagtccccaa agatggagag cttgagttct cacagattga tgaagatgga gaaaacacac   360

agattgagga tacggaaccc atgtctccag ttctcaat   398

<210> 812

<211> 613

<212> DNA

<213> homo sapiens

<400> 812
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tgactttcac aaggtgtctc agggatttct tccacctcag accctgaaga cccctcctct   120

ggatggtgtt ctttaatttc catagcttcc tcctgatcta acacactaga aagtgcctca   180

gatcgagtag ctggtgacgg aactgcctga ctccccgaat cacaagtgag atcaatacaa   240

acatcttctg ctaccgtttc ttctctgccc ttgcaaccag tggctaaaat actaatgtca   300

tccctggtgt ctgtatcatc tccctttgtt ttgtcatcat tctgactcag ttgtacttca   360

ccatcctgtg ctggattcat caggatacta tcattttcag caggaacaaa tttagaattg   420

agaactggag acatgggttc cgtatcctca atctgtgtgt tttctccatc ttcatcaatt   480

ctgtgagaac tcaagctctc catctttggg gactgactat attcacttgt agaaagcatc   540

aacttgcaag aatcccctgt caaagatagc ccaagatcct caggggaatt ctttgggtca   600

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604

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<212> DNA

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<222> (139)..(139)

<223> n=unknown

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<222> (351)..(377)

<223> n=unknown

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gctcccacca tgactttang ggaggggggtc atggacccag cccccactgt cacctgtact    180

tctgccctgg gatccctcaa gactggggtg ggaggtacta aaaaagcccc caccctcagg     240

gccaggcttg ggtcagagcc aggggtctga ggaagcctgg ggtttccatc cttaccccaa     300

ggagacgata cagccctcct ttggtggggc tcagcgtccc ccagagccca nccttgtcag     360

tgttgactta gtgggactgc caggtgtgtt ggggttgtgt gtg                       403
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<210> 814

<211> 433

<212> DNA

<213> homo sapiens

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605

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gctgtatcgt ctccttgggg taaggatgga aaccccaggc ttcctcagac ccctggctct       180

gacccaagcc tggccctgag ggtggggggct tttttagtac ctcccacccc agtcttgagg      240

gatcccaggg cagaagtaca ggtgacagtg ggggctgggt ccatgacccc ctcccctaaa       300

gtcatggtgg gagcagagca gcactaagca gacagtggga ccccaggccc tttgtagaga       360

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ccctgctgtg tcc                                                          433


<210>   815

<211>   '362

<212>   DNA

<213>   homo sapiens


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ccaaagaggg tgaaatagat cacaatttct tccgctctta tctttgacta cagcttgtcc       180

ttttgccctt ctctcccctg ctctgttaga cttcgctgct aaaaacatct cgtgttccca       240

cagccctctt agcttcaagg ccttcttgcc tcccataaaa acctactttt caccctcaag       300

gccagcacct actactctga cctaacctgt tgtgtcctag cttctgtctt ctccaggcga       360

gc                                                                      362


<210>   816

<211>   451

<212>   DNA

<213>   homo sapiens


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caacaggtta ggtcagagta gtaggtgctg gccttgaggg tgaaaagtag gttttttatgg        180

gaggcaagaa ggccttgaag ctaagagggc tgtgggaaca cgagatgttt ttagcagcga       240

agtctaacag agcaggggag agaagggcaa aaggacaagc tgtagtcaaa gataagagcg       300

gaagaaattg tgatctattt caccctcttt gggctagaat ctggatcagc ttctcagaca       360
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606

taggcagctt ttgaaacttc aaatgctttt catacaagct tctgacggga aataaaactg   420

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<212>   DNA

<213>   homo sapiens

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<221>   misc_feature

<222>   (342)..(377)

<223>   n=unknown

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atagtagtaa taacaactgt taatatgtat atagtaccct ctatgtatta ggcactgttc   180

tccaaggact taatatctat tcgtttaatc ttcacaacta ccttcattgc aaggtatgta   240

ctgttatcat catatatgag tgagggaaga gaagaaatga attcacatcc ccaaagtcgc   300

agaactggaa ttcaaatcca aacaatctaa ataatgaact gngnaacaaa caggtggnat   360

gttaggcctt actaganggc at   382

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<212>   DNA

<213>   homo sapiens

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gacagtaata tttatgatgc tgacatcctc atagggctta tctgttttgg gattgacttt   180

gacgttggag atcctctgta caacttccat tcctttagtc actcgtccaa atactgtatg   240

cttattatca agccaaggcg ttggtactac cgttatgaaa aactgggatc cattagtatt   300

tgatcccgcg ttanncatgc tgagtgtgta cggcctgtca tgtcgtaatg ttgaatgaaa   360

ttcatcttca aattctcctc cccatatgct ttctcctccc ataccagtac ctgttggatc   420

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<210>   819

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<212>   DNA

<213>   homo sapiens

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<221>   misc_feature

<222>   (261)..(326)

<223>   n=unknown

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tcgaaagcct tgagccgggc catgcttctc acatcttacc tgcctcctcc cttgttgaga   180

catcgtttga agactcatac aactgtgatt caccaactgg acaaggcttt ggcaaaactg   240

gggattggcc agctgactgc ncaggaagta aaatcgaagc tgagctgtct cnnttgntgc   300

aaaangnggt cctgctctcn aaaaantacc ttgggaaaa   339

<210>   820

<211>   404

<212>   DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (17)..(61)

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<223> n=unknown

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nacacacaaa agctaaaccc aacttactaa ctatgcagac ctctcctgat ctccccaggc   120

tgggcagtaa ttagtacctt acaggtgtga tccatggccc agagaaggca gccactgtca   180

gttacagttg gactgctgga tcacagtgga ggcagcagag ttgaagatcc acagagggct   240

gtaatacagc ccagaaaaga caatggagag tgaaggctag aaacattgag gaaggggtca   300

agaagcactt gtanttccng ttatcttttg caatagaata ttcctgnaag ttanncatca   360

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<222> (120)..(178)

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<220>

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<222> (299)..(299)

<223> n=unknown

<400> 821
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tttgcaggga acctttttagg agcacatatg ttgggtaaat caagggatag tttaataagn   120

tttaactgag ctcaaagtag tacaaaatgg atatgattta tttcctatag agcattantt   180

taatggtggt ataatttaaa tgagaaggaa tatccccaaa cccagatttt attttctttt   240

aaaacatttg caaaatattt cttcagaatt ttatactcta aaactgtttt ctaaaagana   300

aaaattctcca gtcatgatct   320

<210> 822

<211> 281

<212> DNA

<213> homo sapiens

<400> 822
tttagagtat aaaattctga agaaatattt tgcaaatgtt ttaaaagaaa ataaaatctg   60

ggtttgggga tattccttct catttaaatt ataccaccat taaattaatg ctctatagga   120

aataaatcat atccattttg tactactttg agctcagtta aatcttatta aactatccct   180

tgatttaccc aacatatgtg ctcctaaaag gttccctgca aatcaaactt gtgtaaatct   240

catctaaaac gcactagggg gagctcccta tttgaaagaa t   281

<210> 823

<211> 212

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

610

<222> (62)..(151)

<223> n=unknown

<400> 823
tttggacacg gacggatacg cgcacaggaa gaacaccgtg taaagactgg aattctgctc   60

cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ngatcatgga cttccagcat ccagagctgt   180

gtgacaataa atgtctgtta tcttaagtgg tt   212

<210> 824

<211> 228

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (10)..(209)

<223> n=unknown

<400> 824
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aganangntc tgaagcangc ccctctccca gcntctggtg atgccttggc tcgtngagca   120

gaattccagt ctttacacgg ngttcttcct gtgcgcgtat ccgtccgtgt ccaaatcttt   180

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<210> 825

<211> 162

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222>   (4)..(152)

<223>   n=unknown

<400>   825
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tttagctcnn ggcntnanct tgnntgtncc ccncctcctn ncacgcncca gtttntagag   120

aaacagagnt ggtgtgtgtg tatgcctcaa angcagaaac ag   162

<210>   826

<211>   450

<212>   DNA

<213>   homo sapiens

<400>   826
agtttgtgaa aagtgatgca atttgttata cattcaaatg caaattagaa ctagctgcct   60

tacgatgaga tttcactgtc attttttttag caccctaatt tttgtcggtt ctgtaggttt   120

caagtagcag aaacttacat ctatttcctt cagaaaatta aggagcagat attttaatat   180

gctttatgta aataggattc tgataatttt agctttagtt aatgcaacac acttccctgg   240

gcacaaccat gacctctctg agaactggaa aatactgcat aattttaaaa atcagagtgt   300

aatgacattc cctgacaact tcaaataagt tatgtgagga ggatgaacta tgggtagtct   360

agaccaccag tcatatttgt ctagccgtag aaacagtgac aacttaaaga tctgcaaaga   420

tcagagcaga gctggctgaa ggtgcagcat   450

<210>   827

<211>   452

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (65)..(68)

<223>   n=unknown

<220>

<221> misc_feature

<222> (408)..(408)

<223> n=unknown

<400> 827
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gacangcnag gttagaaggg agttgagaag ttatgtcatc ttccactgca gcagataccc   120

ctttttagt acttggagat ccccgaatc acagcatttc taaatcagcc ctggattcca   180

caagtgaagc agcggaggaa ccaggaggtc agcggtgtca ctcaaatctg tggcaatcaa   240

gtgggagttc tcaaaaggct atcaaaggaa gggggttatg ataaggaaag gctcaagacc   300

tgcctcagaa ggagtgagca gggaagagca ggactgactc cactcagtgc aggatccagt   360

acaaaatgaa gatgtgaggc ttttgtgcaa acagcaggaa aacattanct ttacaggtac   420

taaaatgtaa tgttttcct ttcttccata gt   452

<210> 828

<211> 391

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (272)..(386)

<223> n=unknown

<400> 828
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aacattacat tttagtacct gtaaaggtaa tgttttcctg ctgtttgcac aaaagcctca   120

catcttcatt ttgtactgga tcctgcactg agtggagtca gtcctgctct tccctgctca   180

ctccttctga ggcaggtctt gagcctttcc ttatcataac ccccttcctt tgatagcctt   240

ttgagaactc ccacttgatt gccacagatt tnagtganac cgctgacntc ntggtncntc   300

613

```
ggctgntnaa cttgnggatt cnagggctgt ttngnaanng cngnantnng ggggttncca      360

nnnnctaaaa aaggggtatc tgctgnattg g                                      391
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<210>   829

<211>   398

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (49)..(109)

<223>   n=unknown

<220>

<221>   misc_feature

<222>   (242)..(291)

<223>   n=unknown


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<400>  829
ccttcctgaa atgtctttga aggaagtgtc accctttcca acactctgnc agccataact      60

gcttgggaac aggtctccag gatttgggtt ccatagagca gaaggtagnc ctctgccctc     120

atgtctagag ggatgaataa cattctgaaa aggtacaggg tgtgtctagt cacaggagtc     180

acctgcaagg ctccaaactc aggctggatg gcccttggg gagtgaattc tgcaagagtt      240

gnacctgggg cnaanagaag gagctggaat cactgattct gtatcctggc nacatgcctt     300

agaccacagg aaccagactc tgaagcacca cagatgtttc tgtgaacatc tggagttggg     360

aatcactgag ttagatcaag aatggattcg gctgccat                             398
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<210>   830

<211>   408

<212>   DNA

<213>   homo sapiens

<220>

<221> misc_feature

<222> (5)..(398)

<223> n=unknown

<400> 830
tgacnnncaa attcaanaaa aaaacattag agctgaaaaa aagttatttt aatcnatcaa   60

cctgttccaa naaaagctgc tacacatcan cctgnctaaa tctgtggtaa ccctgtttta   120

gagagttctt gaaggctact aggggggcaaa gaggcatgga gattcagtct catggcttat   180

attatgnatt ccaaataaat agtgttttct gaangcagtt gcccaaatgc ctaaagtggc   240

tgactggant natnctcact cntgatggnt ntntaaatac cttatagnnn tgtctncngg   300

gaaanacgcc aagcnancct ttgaaattcc tcaaagctgn acactcatca cctnngantt   360

attnacaacc tcnnctgnna ntgcnctntn ggcnacangc tctgcctg   408

<210> 831

<211> 461

<212> DNA

<213> homo sapiens

<400> 831
ctcaaaattc ctacactctt gactagtgca atttggttct tgaaaattaa atttaaactt   60

gtttacaaag gtttagtttt gtaataaggt gactaattta tctatagctg ctatagcaag   120

ctattataaa acttgaattt ctacaaatgg tgaaatttaa tgttttttaa actagtttat   180

ttgccttgcc ataacacatt ttttaactaa taaggcttag atgaacatgg tgttcaacct   240

gtgctctaaa cagtgggagt accaaagaaa ttataaacaa gataaatgct gtggctcctt   300

cctaactggg gctttcttga catgtaggtt gcttggtaat aacctttttg tatatcacaa   360

tttgggtgaa aaacttaagt accctttcaa actatttata tgaggaagtc actttactac   420

tctaagatat ccctaaggga tttttttttt taatttagtg t   461

<210> 832

<211> 459

<212> DNA

615

<213> homo sapiens

<220>

<221> misc_feature

<222> (424)..(424)

<223> n=unknown

<400> 832
gggggaatccc cagcaagggt tcttctccag cttcttcacc agcaaccaga agtgccagct   60

taggctcctg aagacgctgg agacaaatcc atatgtcaaa cttctgcttg atgctatgaa   120

acactcaggt tgtgctgtta acaaagatag acacttttct tgcgaagact gtaatggaaa   180

tgtcagtgga ggttttgatg cttcaacatc tcagatagtt ttgtgccaga ataatatcca   240

taatcaggcc catatgaaca gagtggtcac acacgagctt attcatgcat ttgatcattg   300

tcgtgcccat gtcgactggt tcaccaacat cagacatttg gcgtgctcag aggttcgagc   360

tgctaacctt agtggagact gctcacttgt caatgaaata ttcaggttac attttggatt   420

aaanacaaca ccaccagact tgtgtgcgag acagagcca   459

<210> 833

<211> 430

<212> DNA

<213> homo sapiens

<400> 833
tagctataaa gatacaattt ctgccttgga gtttaaagca gtttcatttt ttgccatagt   60

tacttttct gataatatgc tagaatcaca gtcttctctg ttttatctgg attgtaggga   120

ttgtttacat tttatatgtt tgttcacttg agaaccaaat ttttttttct tcatgatgat   180

ggaagctctg taatataaaa atgtcattgt gctcatatat ttgaataata ccgatcacgg   240

ttttcaaagt ctctgtgagc atatcttgca taagtcttgt tatgtgggat ccttccaaaa   300

ggttcatggt cattgaaaca agattcaaaa acttcatcaa cagccttttt agctacttct   360

ttgctgatat tcctaacagc caggatagaa agagtggctc tgtctcgcac acaagtctgg   420

tggtgttgtt   430

<210> 834

<211> 341

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (186)..(320)

<223> n=unknown

<400> 834
cttagcagag ctttctagga gccctatgag cctttaatgc cctggttttg ccctgcccct   60

ctgacccctg cctccttcag gtatgcacct ggccctcacc actgtgctcc tgtgggcatg   120

ggggagtctc caggcctttg aaattgtgga gaaggaaaac atttttcaga ggaccccctg   180

ccctgntttc ctgatgtttg aaaatgcagc ctacctggcc gacatgagct ttgagcttcc   240

ctgtcactgc aaacccgaag aggtnccagc tgtagtctgg ttctaccaaa agcacctagg   300

tagcagccac accaaanttn tgacggactt tgatgggcgg g   341

<210> 835

<211> 472

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (133)..(133)

<223> n=unknown

<220>

<221> misc_feature

<222> (466)..(466)

<223> n=unknown

<400> 835
gttcacactt tccttctctg acctaaatgt gaagtcagga aacacatgtg ccctacttcc   60

atcctgagct cagtccccaa tctcccacca gcctcaggcc cctccacttc tcagatcagg   120

tcccagacct gcncatgaaa atggggagca ggctgtaaca gatttgtcca catgttccta   180

ccacctgtcc caacccaggg tacccaccca gagacatctg gtatcattta acaaacacat   240

tgaaggacaa ctggtcttca gagctgaaga gagctcctag ggggagaagc tgggacaaca   300

gtgaaataag tagcagcagc aacgacagaa gtgaatggtg acaaagactg ctgtgatgag   360

caggtagcct atcagggtga gctccacagc cgagcgagtc tcaggatctg agaacgaggc   420

tgggtagcgc ccatgagatg tcacacccag ccggaagcca gcaacnagca ca   472

<210> 836

<211> 307

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (204)..(245)

<223> n=unknown

<400> 836
gccaattaag ctctttttca gtcttgggat tgttttttgcc ttcagttggt agccctcaat   60

agaaaatagg tcttctgtca gcagatgttg acaacaaaga aagggaagct tttaatttgt   120

tcactaatag tgaaaaagca aacatttaca taacacaaat gtactgataa acacaattaa   180

ggatatatgc ttgcctattt gtgntccaag tgttcaatta naattatata attattgtga   240

aacanaggag gatgatgttc aagctatcac cgattggcct gctcttcatg tttgttaaca   300

ttccggg   307

<210> 837

<211> 418

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (389)..(405)

<223> n=unknown

<400> 837
ttcatatgga aggaaaacat catattaagt taatatttaa acgtacacaa ttataatttg   60

caaaaaaaaa tcaagatgat aatttcttaa atagtaaatt gaaataaatg atattttcct   120

agcatgcttg tcattcagca ataataagaa actgagataa gaatgcaggc agttgaagtt   180

cacttcagcc tgagtgcaag tatacacaaa acagcaaaaa tattacatag aaaataaatg   240

ttgtccattg gattgagtat ggtgctacca tttgtcacag tgttcatatt catagttgtg   300

gctatctttg gggtcactgc tgtattcaga cttgtcttgg aatttggagt catctaggga   360

tttgaggtca ttttgagatt tgggcttgnc ccaggattgg tgcgnccatt tgtcacag   418

<210> 838

<211> 391

<212> DNA

<213> homo sapiens

<400> 838
caaaagctca gttttggaga ggataactcc cctgtgatac tctcaggacc acctcagtcc   60

tttagtgaag aagattcatt taaaaaatgt tcatctgaag ttgaagctaa aaataagatt   120

gaagaactac ttgctagtct tttaaacaga gtatgccaag atggaaggaa gcctcataca   180

gtgagattaa taatccgtcg gtattcctct gagaagcact atggtcgtga gagtcgtcag   240

tgccctattc cttcacatgt aattcagaaa ttagggacag gtctccagtc cccagatttc   300

tgtgcatcct ctctcatgca aagaaggctg gaagacaaac ttgtgaagct agagggtgtt   360

tttactaaac actaaaggag ttttactaaa g   391

<210> 839

<211> 450

<212> DNA

<213> homo sapiens

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<222> (37)..(46)

<223> n=unknown

<220>

<221> misc_feature

<222> (221)..(299)

<223> n=unknown

<400> 839
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aaagtggctt tcgctttgaa agggtggcag gagggatcct tgtgataaac ctgttctgtg   120

tgttgactgt ggcgtggtca catgaatttg aaactccttt agtaaaactc ctttagtgtt   180

tagtaaaaac accctctagc ttcacaagtt tgtcttccag ncttctttgc atgagagagg   240

atgcacagaa atctggggac tggagacctg tccctaattt ctgaattaca tgtgaaggna   300

tagggcactg acgactctca cgaccatagt gcttctcaga ggaataccga cggattatta   360

atctcactgt atgaggcttc cttccatctt ggcatactct gtttaaaaga ctagcaagta   420

gttcttcaat cttatttta gcttcaactt   450

<210> 840

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<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (69)..(207)

<223> n=unknown

620

<400> 840

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ccccaagccc ctcgcagacc gcaggagtat tttcccttca gaacctgttg catcagaatg        60

gggaaagcna gggctgagaa tcccagagga ggccgtgaac tgttctggaa aagcgagggc       120

tttgcagtca gaccttcata tgcantttgt tctatctgtt gcgctctgcc taaatgacca       180

cgggccagtg actttacctc tctgatncct gctccttgcc tagatagtgg ggatcacgtc       240

gtaatgtatg taaagaaccg ggtgcgggac ttggcacctg ggaagtgtct taatacatgt       300

ctgtcgagaa aaggaagggt ctcgacgtgc ggaaacaag                              339
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<210> 841

<211> 477

<212> DNA

<213> homo sapiens

<400> 841

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tcgttttatt attgcgtttt atgaagttgc caagacaact gaggccaagt aacagaacct        60

tgactttatg cgccatgaaa atttaataaa gaattttgaa aggcttttta gaggcaggag       120

ctgcagtctc ttaaaggcag agctcagcac agagcggagg gggctggagc acgtggggcc       180

tctcaccaga cctccaggag cctccgctgt caggggcgtg gaggtgggca gacgtatttc       240

ctggcatccg tcttgtttcc gcacgtcgag acccttcctt ttctcgacag acatgtatta       300

agacacttcc caggtgccaa gtcccgcacc cggttcttta catacattac gacgtgatcc       360

ccactatcta ggcaaggagc agggatcaga gaggtaaagt cactggcccg tggtcattta       420

ggcagagcgc aacagataga acaaagtgca taggaaggtc tgactgcaaa gccctcg         477
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<210> 842

<211> 303

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (26)..(258)

<223>   n=unknown

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ttatantagc gtaggcaaca cttggntttc nntancttag tatgcttcat aactgnttta   120

cagagagctt ttgcttgttc tttctcatgt atctcgtgtt tatgtgcaca gtgccaaaag   180

aagactgact gggtggaggc tctgnttgcc tcaagaacca tcccctgcag agcatccagg   240

gaggtttctc ggcccaanag cctcacggca cagtactctt gggcagtaac tggacacctt   300

tta   303

<210>   843

<211>   515

<212>   DNA

<213>   homo sapiens

<400>   843
agtatcatta cagaaaatgt tatggtacag aattgtttaa cattattttg tctttgctct   60

tgatttccac atgaatgctg gtaacactaa tatctgtaca agatcagtct ttgattttat   120

tttttgttc tgtacaattt taaatgtatt ggttaaaaag gctgtcagca cttaaggaag   180

catttttct tcagtttgtt tcttcaaata aaaggtgtcc agttactgcc caagagtact   240

gtgccgtgag gtattggggc gagaaacctc cctggatgct ctgcagggga tggttcttga   300

ggcaaggcag agcctccacc cagtcagtct tcttttggca ctgtgcacat aaacacgaga   360

tacatgagaa agaacaagca aaagctctct gtaaagcagt tatgaagcat actaagaagg   420

gaaatccaag tgttgcctac gctagtataa ataagcagac agccttgatt taagagcata   480

agtagttgta tttaaagatg agaaaaaccc cacgc   515

<210>   844

<211>   508

<212>   DNA

<213>   homo sapiens

<220>

622

<221> misc_feature

<222> (5)..(90)

<223> n=unknown

<220>

<221> misc_feature

<222> (389)..(437)

<223> n=unknown

<400> 844
caagntcaca caattaatta gtggcgaatc ataatttgaa gtctttctaa tgcccaaatg   60

tttccattgt gtcacatatc ggagctgtgn tctttccatc agccagtttc ccattatcat   120

agctgatgac atgcacaccc accatctggg gcaggcttta gtacagcact ctgtgccatc   180

atccagatca ccaaatctta gtaaatggac gtgtcataag agataaggct gccatagaat   240

cacagcagct tctggcttag taaattacct ggatacacac cttttcctag aggaaatccc   300

acatcttcgt agaagatctg gtgtaatgct cttgggacct ctctctagag gatgagctag   360

tatcactggg tcctagtaag tttcagcann tatantagag acagaactgt catcattatc   420

agaaaagaaa cagaganaaa tgttaaaaca atggttttgt gaccttaaag tctgtgttag   480

tccccttagc accaccgctg agattttg   508

<210> 845

<211> 503

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (154)..(154)

<223> n=unknown

<400> 845
tctgtcttct tcaatgattc ccccttgccc gtattttcag ctggaacagt ttctcatttt   60

623

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ccctatttct gaacactttc aggggcttcc ttcagtgaag cccaacacac aaaacgtccc      120

tttcagcaaa atctcagcgg tggtgctaag ggantaacac agactttaag gtcacaaaac      180

cattgtttta acatttttct ctgtttcttt tctgataatg atgacagttc tgtctctatt      240

atatttgctg aaacttacta ggacccagtg atactagctc atcctctaga gagaggtccc      300

aagagcatta caccagatct tctacgaaga tgtgggattt cctctaggaa aaggtgtgta      360

tccaggtaat ttactaagcc agaagctgct gtgattctat ggcagcctta tctcttatga      420

cacgtccatt tactaagatt tggtgatctg gatgatggca cagagtgctg tactaaagcc      480

tgccccagaa ggtgggtgtg cat                                              503


<210>  846

<211>  557

<212>  DNA

<213>  homo sapiens


<400>  846
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tccaaaatcc aagcaggtcc atacaattta gagatttgaa cactgttatc atgctttaat      120

tcagtcattc attaaaatat tatctattca cttatttgat gattccaaac atttgatatt      180

gtattgtgtt tttataatta tttgaaatct gttcaccagt gctttgtaat ggttttatta      240

attgtgtagc cattgctact tagatagtaa cccactgagc aaaggcagtc atttattttc      300

atccttgaag taggggaaga aaattattaa tttattagtt ctactttttc ctgcattgct      360

tattttgtaa acattttatt atgaataatc tgttctcttt cactgtatta aaaggagaag      420

aaaatgaaca tttgagaatg gaaaaaagta ataatataca aataatctag tgctataaaa      480

tgcattatag taagacactt ttggtgtctt cgagtggcac atgttgggaa taaattttat      540

actgttgctt agtaaat                                                     557


<210>  847

<211>  554

<212>  DNA

<213>  homo sapiens


<220>
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624

<221> misc_feature

<222> (43)..(43)

<223> n=unknown

<400> 847
attcgctaca atgttggaac tattacaaag ctggataaaa gangctttag tagcaataga   60

aagcaagagc aataaaaagt gaatagagaa aatatttggc cttactgatc tcttggcagt   120

atttacatta tgtacatatt gttaaatatt tataataatt ctaaggcacc aaaggctaaa   180

tagcaggttg caatactatc ctgtgcacaa aaatcaagaa atttattgta aagaggctgt   240

atagttaaag aaacataggc atatcttaat gtttacataa tggagcggct gcatttttaa   300

aaatctcaaa tgatacatta aatattgggc agatcgaaga tattattttt agaacattaa   360

attatattga ctatgtaaat aagcactatt ttttactgac ttgctggtaa atgtgaaatg   420

taatctattc gtcaacacag cttttttcac actcatggat atgttttgtc taaaaactac   480

ttgaaattct tctgacctac aaaaacttat cctaatattc cataatgtat acaaaattcc   540

caagaagaat ttac   554

<210> 848

<211> 525

<212> DNA

<213> homo sapiens

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tctccatcat ccttccacct gccacccatt tgctccatga ctcctgcctt tctcatttcc   180

tttcttgcat gcaaactaaa aacaaaaaca aaaagtcatg tgatttcttt gtcctacttt   240

tctctcctct gagatgaatt tttaattgtc agcaacaatc taattagtcc tgaccagagc   300

ctgttctttc tttcagccta tttgcttttg ccttcagggt tagtagctgg caactaatat   360

ccactagaac tgaatcaccc gaattatcat agggctgagc taatatcctg gctgtagatg   420

ctatcatagg cagaaagaaa attgaaaggc aagttctacc atgggcctgg ctgtaagcag   480

ccactgttag gtccagactc catgctttaa agttagcctc aagat   525

<210> 849

<211> 508

<212> DNA

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<220>

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<222> (453)..(500)

<223> n=unknown

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aagtaaagcc actcattgaa aaacccaatt ccaaacacca cagtttgtga cacatgaagt   180

aatgaatgac tcttggtatg aaaacgtggc atttaagcgt ctactgtgac agtatttcat   240

ttgtggacaa aagtagcttt aaagcaagta tctggaaaat ttttagcaca caggtttaaa   300

atggtcctgc acgttgcaat acagcagcac gtgactcaga gtcatgacaa gggggtgtga   360

tataacgaat gaaataaaat ttccaaactg tttttagtta acaatttaac ttgttccaat   420

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gaaagtanca aaggatgtcn aatttttt   508

<210> 850

<211> 361

<212> DNA

<213> homo sapiens

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<222> (66)..(66)

<223> n=unknown

<400> 850

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cgaaanggag  agttggaggg  cgcttcctcg  ccgggtgttg  cggtgtgagc  ggggactggt     120

gagtgtgtgc  tgtcttcaga  gagagaagag  cagttttcag  gaatctatct  accgccgggg     180

agccagaaga  tggaggaagc  tgtaccgtgc  caacggccac  ctcttccaag  ccaagcgctt     240

taacaggaga  gcgtactgcg  gtcagtgcag  cgagaggata  tggggcctcg  cgaggcaagg     300

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<210>  851

<211>  540

<212>  DNA

<213>  homo sapiens


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<222>  (12)..(12)

<223>  n=unknown


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caagttcctc  cagcacgaag  ctggcctgcc  cgggcccagg  tgtgagggac  tgttctgctc     180

ccagcagcgc  ccgctgacgc  ttccctctgc  ggtctcggcg  caaggtctgt  ccctggccgc     240

cctcggagcc  gtgcccagcc  tggcatgcat  atgcggtggt  taaggataca  gttaaagggt     300

caatcacgcg  tgtccacgac  agagacgcac  gcggcctcac  accgactcct  cggtggacag     360

caataatggg  ttgatatact  caaagccttc  gaactctgac  tggtcgatcc  tctttatggc     420

atcctcatcg  tctggggtca  gctgcacggg  ctcgctggtg  aactgtgtgt  caaagttgtc     480

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<210>  852

<211>  318

<212>  DNA
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<213> homo sapiens

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caccctggcc tagtttttcgt tccctggaga gacttgcaga tttgcctgtc actttggcca   120

gtttatcaca gagtggcatg tgttcctatg gcctggggct ggggctgcat cccttgcttc   180

tgtttggacc cagagtcctg tggagggcag gaatgaggaa ggtgacaccc cctgtccacg   240

ctcacacagg cccatctctg ctttacctcc agggactctt tcagaatcca aatctgttaa   300

aactccaaga aaacatag   318

<210>   853

<211>   282

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (7)..(166)

<223>   n=unknown

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ccttcctcat tcctgccctc cacaggactc tgggtccaaa cagaagcaag ggatgnagcc   120

ccagccccag gccataggaa cacatgccac tctgtgataa actggncaaa gtgacaggca   180

aatctgcaag tctctccagg gaacgaaaac taggccaggg tgatgtgtta tcaggcccag   240

aataaaactt gttttatttg attctccatg agttaaaaat gc   282

<210>   854

<211>   459

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (77)..(77)

<223>   n=unknown

<400>   854
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acccctctcc cccactctct ccaaccaacc cacttctgac tctgagtcct ctctgcctcc   180

tcccctcacc cgctctcggg cccaatgtgc tcagcaacca gctcccttgc ttcctctccg   240

ggaagtagcg ggagtagagg ggatcgtcca tgtccacgtc cctttctcct tctacgatct   300

cttacagatt gaagaacgtc tcgggtcctt ctcctccgat cctgatactt acatcaaaga   360

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<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (21)..(21)

<223>   n=unknown

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cctgaccata acctctgagg acatatttcc actgcagact gcaagtggtg gctgatgttt   120

ctctcacagc cttcattact ccggtactac aggtagagat gggtctctcc tttgcagctt   180

ccaatgcgtc ctcttcccta aaatcccccc tttgaatgca tgtcatcaca ttgtgccact   240

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attg   304

<210> 856

<211> 455

<212> DNA

<213> homo sapiens

<400> 856
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gggtgggctg agcatctggg ctgtgccctg gctctgcttt tcaccctgga caaagtcgct   120

gtggacttca atttcttcac ctctaaaatg ggggacttgg accaggtaga ttgctgagct   180

cactaccagg ttcaaagttc aatgacaaac tcagtttact gaggtttgag agaacatccc   240

tccaggggag cctgggagct gctctcccag tctaagcatg tagatatcat cgtttgcctt   300

ttgtgtgtgt gtgtccctta tttgataaaa agatgttttg agttgttttt tttttaagca   360

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<210> 857

<211> 514

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (263)..(497)

<223> n=unknown

<400> 857
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gatcggagaa aaggagtact tgaaacctag agttgcgttt tcacttgaga agacacactt   120

tggaaacacc tatccaacag actacaaata taggctatta aattaaaaat ctggtttcaa   180

aataataccc acttaggttg gaaatatctt tctccaaact cagatccaac ttttgaattg   240

tttggtatca aaggcaaagt tanagggact tgggtttaaa aactaaaatt acaagtgagt   300

gcttaaaaan aaaacaactc aaaacatctt tttatcaaat aagggacaca cacacacaaa   360

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aggcaaacga ngatatctac atgcttagac tgggagggca gctcccaggc tcccttggag       420

ggatgttctc tcaaacctca gtaaactgag tttntcattg aactttgaac ctggtagtga       480

gctcagcnat ctacctngtc caagtccccc cttt                                    514


<210>   858

<211>   532

<212>   DNA

<213>   homo sapiens


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cgaactcttt ggtgtggttt cctgttattt atcctcaaaa taatttattc tcattctttg       120

cttgtacacc attagcctta ggctcgtgta acagcctcct ttttcctcat tgaaatgtat       180

gtaatttcct tctccactgg aatataaaag attgattttg gatccttcaa gctagattta       240

gaaatactta tgttttttata gtgtttgcag ctcagtgagt agaccagtga gtaatttagt       300

gtgtagctca gtgagtcatt taaattcctg ttttaaaatt tgagtccctc ttccatcagg       360

agctgattaa catgtacatt tcccctaacc taacctgctc gttttttttc tttttgagct       420

tttctcccct tcttgagctt gtttgtttgt ttttaatatt tttccttctt tgaaaacaaa       480

atgttagtct cctttgatta agctgcagtc tctgacctac atacatacag gt               532


<210>   859

<211>   466

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (4)..(4)

<223>   n=unknown


<220>
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631

<221> misc_feature

<222> (111)..(426)

<223> n=unknown

<400> 859
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gtttcataat caataaaata ggaaaaacta caaggatgaa taattaatta nattagtcag   120

gattanatgc tagcaaactg cttngaagtt actttatgtt gttctcagtt atcttcctac   180

tcagtaaaac taatagatga aaaacatct ggnattacta tagatagtca catctgcaga   240

ctcacagcag ttaaaaagac gatctctaca antttctgag ccagagttca ttcaangacc   300

ccaaagattn taagatacaa ccacaatgaa caattttagg tgaanttctt ttcagtctca   360

aggacaccta ttcttaacct anatnctcaa aaggaaccac tacaacagaa atctcagagn   420

gtcttnaggg gtcttggcac aagacaattc taggtaagat gaacaa   466

<210> 860

<211> 531

<212> DNA

<213> homo sapiens

<400> 860
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gtctccaact gcctcctccg gcagaactga gcaagtccta accatgccaa aaacatcatt   120

atctctggtt ccatcttagt ccctgcacac cctaggattc aaggactcaa gtaagttggg   180

gaggggaaca tcttttcacc cctggaaaac cttgtctcct cccaagccct gggaggggag   240

aactgctgct aatgagatgc tggtagttag tcttgtaatt tttacagtat tatctgcaga   300

atgaatgact accagcaggt actctgaatc tctttctttt ctaataagat gtaatcaacg   360

aaccagattg tggccttgga gctgaccaaa ggatcagcta aaggaattgg acacatcctg   420

agctagttaa cacatgggta ttgtcggtct aagatgctct ttagggcta gtgactcatt   480

catgatgtgc aggaaatggc acagacacct ccatgaccac agaaggtttc t   531

<210> 861

<211> 450

<212> DNA

<213> homo sapiens

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<222> (194)..(445)

<223> n=unknown

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cagtggcctc aaccctgacc acatattaga atcacccaga aagaatcact cattcatttt   180

ttttttttaa tgtncaagan attctgattt cattggncng gggtggggcc tggacatnaa   240

tgttgtttgn aanatcctna natgactgga atgaagccag gctnagaatc aggcatatgg   300

ccanacagag aggnctttgg gaatagaacc aggatgnggt aaactcnnan gtanaatcca   360

ngtctcnanc ccngccttgc cttcccctga ncctctctnt ntnacttcct tctgttngta   420

gaccctntga tgacggcgcc tgnanaaacc   450

<210> 862

<211> 347

<212> DNA

<213> homo sapiens

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<221> misc_feature

<222> (108)..(129)

<223> n=unknown

<220>

<221> misc_feature

<222> (315)..(315)

<223> n=unknown

633

<400> 862
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agaagcctta caagtgcagt gaatgtggaa gagccttcag ccagaatngc caacctcacc   120

aaacaccanc gaacccacac cggagagaag ccctacagat gcagcgagtg tgagaaagcc   180

ttcagtgact gctcagctct tgttcagcat cagagaattc ataccggaga gaagccctac   240

gaatgcagcg actgtgggaa ggccttccgt cacagtgcaa acctcacgaa ccatcagagg   300

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<210>   863

<211>   353

<212>   DNA

<213>   homo sapiens

<400> 863
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agcatttctc agatcctcac ccacctgtcc tgagtcggca tgtccgggac tctctccact   120

tctaccatgt tcctagttac tctccggcgt ggagtctctg atgtctaacg aaggcagagc   180

tgcaccggaa ggccttccca cactcgctgc attcgtaggg tttcacgcct gtgtggattc   240

tctgatgctg actaagggat gagctctggt taaacgcttt accacactca ttacactcat   300

aaggtttttc tccggtgtgg attatatgat gccgaatgag ggctgagctc tca   353

<210>   864

<211>   119

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (51)..(105)

<223>   n=unknown

<400> 864
cctacgctga aattttgggg gcaggttctc ttgctaggtt ttgaggtttt nctgaagata   60

ttcctgaaga atcatcccag gtgccacact aaaaaaatga tccanttgac agctacccc   119

<210> 865

<211> 199

<212> DNA

<213> homo sapiens

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<222> (148)..(148)

<223> n=unknown

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actggacaga cttatttctc actgcggccc agtaacaggc tacatctttg ctttgttggc   120

agttttcaac ttcctcttcc tcattttntt gagatggatg actccagatt ctatcattga   180

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<222> (17)..(46)

<223> n=unknown

<220>

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<222> (159)..(159)

<223> n=unknown

<400> 866
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gagatatcaa taccaaacca aagaaagaaa atattatagc ttttgaggaa atcattgagc   120

catacagact tcatgaagat gataaagagc aagatattnc a   161

<210> 867

<211> 224

<212> DNA

<213> homo sapiens

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<222> (31)..(205)

<223> n=unknown

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gaagagaata cgatcattgc tgtttgcaac attcaccagn ggaaaantca aggagatggt   120

ccctatcatt gcccagtatg gngatgtgtt ggtgagaaat ctnaggcggg aagcagagac   180

aggcaagcct ntnaccttga aacangtctt tggggcctac agca   224

<210> 868

<211> 236

<212> DNA

<213> homo sapiens

<400> 868
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aaataataca agcactaaga cctacagcag aaataaacta gaaacagcat gattacagga   120

acatccaagc atcatttggc aaactgggtt tcaggaagc aaagcctttt cagtagtaac   180

636

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<210> 869

<211> 440

<212> DNA

<213> homo sapiens

<400> 869
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catgtactat acataagagg ggctgatttc acctattcca tattttgaca tattggggaa   180

aatgggcagt ggcggaatcc tgaaacacaa gctgccttta gagctaattg agtttttgct   240

gcccaactga actggaaatt tattcaagat ttgcagcaga tatcagccat gcaggatgac   300

agctgtagat ggtgacacat ccattaaaaa tttgaatttc taaaattctt catatttgtg   360

aaatcagtac actttataac ttaagaatgc atacatgttt tgcctcctct gagactagat   420

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<210> 870

<211> 396

<212> DNA

<213> homo sapiens

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<222>   (112)..(122)

<223> n=unknown

<220>

<221> misc_feature

<222>   (272)..(370)

<223> n=unknown

<400> 870

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cccagaaaaa aatttcctgt ttttaatgtt cttttcaatc ccatctagat antttataga     120

antataaccc taattggaca tgtggtacag gatctataag ttgctgtgtt tttttgttac     180

tctgtatttt gttccttttg gtaaggtgaa gtgtgtccaa agagttactt gcaacagtct     240

ttcatgatat gaggatgccc ccgtattacc antctgatta tagttctgag ttctttgntt     300

tactcatgct gcatgacaaa atgtttacta ataacaattc attataaagt tatatccctc     360

tttacatcan ttatctttct cactgaggtt cattca                               396
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<210> 871

<211> 428

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (402)..(424)

<223> n=unknown

<400> 871

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ttcattcttg aaaaagagta actgaaaaga aaggtttctg ttactgcagt tagtttgtca     180

gagaaagttc tttgcattat cttataaact atcaaaattg ctagtcatct gaaaaaatgt     240

aaaaaaaaaa tcacataact ttagtctaat agaaatatag tacaggtgag agagaaagta     300

tttatcagga tgtgctcttt aagtccatct catttgtttt tcaatataaa tgtacatctg     360

attacatata caaacatttg gaaaggtctg tgatatactg tnctggcaaa caacaggggg     420

atgnagag                                                              428
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<210> 872

<211> 410

<212> DNA
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<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (46)..(146)

<223>   n=unknown

<220>

<221>   misc_feature

<222>   (403)..(403)

<223>   n=unknown

<400>   872
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nnnnnnnnnn nnnnnnnnnn nnnnnngttc ttcattagga gactgatggg gggggtcctt   180

cctggtgggt cactcactgc catagctctt gtcatagctg atgaaggcag gagtgagtct   240

tattatgttg gcctagagta gaaagcacag agctatgtcg aggctgctgt ctcagcctct   300

ggaagttctg cttcacctgc ttagtaagag gagatgacca ctcctgtgga actgcatgtc   360

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<210>   873

<211>   393

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (268)..(391)

<223>   n=unknown

<400>   873

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tcgatggaaa tacaatattt ctgccaattc gaaaaagaaa attgcaagat gcagtcagtt     120

tcagtgaagt ccccaaatgc tctctgcttc ctcagtcctt tcaaagtcac aggaacctgg     180

caatttccct tttcatcccc cctcccactt ccctgctaaa tttacctctc agaacatcac     240

aatagtgtca agatctggtt tgaatcgnct ttcctgtaat taattaatta tgagaaggaa     300

cagacagtnc aacagatctg ataagatgta gcattcttgt taagattnaa cnacacattt     360

attcacaacn natcagaaca aattaaccat nag                                  393


<210>   874

<211>   562

<212>   DNA

<213>   homo sapiens



<400>   874
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cacctgttta aaagaaaaca ttgcatctca aaaggtgaag atgattgttc tttcttccat     120

atcctcctta cggcatgtcc ttggataact tttcaaaagg tatccacact tttggttgag     180

tttagttttc ttagaaagta gagaagtaac actttactag aataatgaac aaggaattga     240

tttgctctag gcccagctct gccataaact cattgtgtat tcctagacag gtctttaact     300

tcatcagtgt gttgtttttg tgaagtgcaa aataaagata gtgatagttt ctgctgtagc     360

cctcataggg acattgggaa gcagtataag aaaaacttca gcaacatcat gattattgat     420

gctaatagga aaaataaatt catgtaaccc tagagaatcc aggtcaattg tatttccttt     480

ggaaagcagt ttaacatgta agcgttcaaa gatgtgattc agataaaata cccaggtcca     540

tagtgaagat gttttttcagt at                                            562


<210>   875

<211>   431

<212>   DNA

<213>   homo sapiens



<220>

<221>   misc_feature
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640

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cacaagactg tatattgttt gaagactgaa ataattttct agtgtaacaa ctctgtaaca    60

aaatttaact aaatgtaaca tttatgaaaa tataaatctc tgattgggta attcttccca    120

acgatacaaa gtttacataa aaacattcaa tatgagctat cagttgcaaa caagttagga    180

aaaatcattc aagtcacttg tatactctat tggcttttac atagaacatt cacatactac    240

atttaatcca tctaggcatt taattcttag anatgtgtgg catggaggtt caactgataa    300

tgacaggaat gagaatgtgt tgcctanaga gctcnanagc atagactcat ataatcaact    360

ccaggtgatc tgnatgtggt ttgcctnctc tgggctacca tctccctngc tagtagctaa    420

accatcagna a                                                         431
```

```
ggacttcgct gacgaaagtg ccaataaaga caatgccaca gcaccagaac caaatgaaag    60

cacagagggt gacgatgggg gcttcgttnc ccatcaccag cacgctggct ccctctgcga    120

gcttgggggtt ggggagtgcc cctcggggag tggcgtggag tgccccaaat gcgacacggt    180
```

```
cctgggctcc tcccgctcgc tgggcggcca catgaccatg atgcattctc gtaactcgtg    240

taagacactc aagtgcccca agtgcaactg gcactataag taccagcaga ccctggaggc    300

acacatgaag gagaagcacc cggagncggg gggtcctgtg tctactgcaa aacgggcagc    360

cccacccccg gctggcacga ggcgagaact acacgtgtn                          399


<210>   877

<211>   334

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (27)..(327)

<223>   n=unknown


<400>   877
aattggtttg ttattaattt ttgtatntaa attcatttgt ttgnatngtn catcttcana     60

gcntacaatc tgnnggtgnc ngttcctaca ctggtcagac cactgtcctt ggggcagctg    120

gggtcttngg gaccctccac ngggctcncn ggtccgtcgg acttttggcn gagatncgng    180

ncanantcct ccnaatagtc gtctgntggc atcgagggcn gaacccctga ngtgctgcat    240

gaacttnngg taaccgttga acnncacgag nnangngnaa aagaagnggg gttcgctgcc    300

gaagcccggg agaccacttg cgnnnangac ttcc                               334


<210>   878

<211>   345

<212>   DNA

<213>   homo sapiens


<400>   878
ggccacagta cttactgagg acttcatatg gttttttttgt ttattattat tgagaaaaga    60

gctgaggtta ccacattcat tctttgtgtt agaaatgtag gagtgtggtg gttttctgca    120

atatttagag cttagtctca taatttggaa tttaagataa taagtagtaa caaggcaagt    180

cttttatgta agacagtcaa acagtgtcac ttcagggaca aaggcctgga agcccttaaa    240
```

642

```
ataagttatc ttagatgtgc cagaacatat tcagagcttt attcctttaa gcttaaggct      300

tcaatacttg tagaaatgca aatattcttg agaaatgata cattt                      345


<210>  879

<211>  450

<212>  DNA

<213>  homo sapiens


<400>  879
gtacgcatca aggcaacaga atacacatgg aaatattggc gtataattca gcattctttt       60

ggaggcaaga gggagggtga acaataaaca ctaccaccta aaattaaaga ttgagacata      120

catggtttcc tcatgcaaac agtaacaaac tacctttagt gtgaaacgaa ctctgtagaa      180

acctgatttt ataacagcag atgaattta taccaagatc tccaagaaag gaggaaaagt       240

catgatcctc agatgtaatg tttaaatctg catttagcag catgtgaaga tgcacaaatt      300

acacattaga caaatctgaa aaattttacg attatggaat cttgaatttc cttctacatt      360

ataaaaatgt atgtaaaacc attgtttaat tactaaagga taataaatgt tggttgagag      420

tggaccatga atgataaagc atttaaacat                                       450


<210>  880

<211>  514

<212>  DNA

<213>  homo sapiens


<400>  880
gagactctca gtcataaagg aatgaccaag agagtgggtc tccagtgaga gaaatgccta       60

tgaaagaggg tttccctttt tgctcttttg aacaccctcc ccactgatcc ttgggaccca      120

acgccgcatt gcctcttgca gatgaggttt tgccttgggc tgcttgggta cttcagacca      180

ggactgagtc tgacacagct ttcatgaggt tacagaaaag ggctacagat ttgggaagct      240

gtgtgtaatg gtcttgagac aatatctcca tttggcccac cctggcttct ctaaaaagca      300

acgacagcaa cagacaaaca aaaagctccc acctcccacc ccgttagctg tcctcctcct      360

tcactgtgat gtggttgcgg tctctgtagg tgtgtgtgcc acccttgtcc tctgtcctct      420

ggggatgtgc ccttcccacg tgtgtcaggt tcccactctt tcgtggttcc taacgtgaag      480
```

643

```
tgctgtgatg tttctgccct gcctaaggaa cgta                        514


<210>   881

<211>   379

<212>   DNA

<213>   homo sapiens


<400>   881
aattgcagac aaaagattca ctacgtgggt agtcaacatt gctaaccaat cacagaacaa     60

gatactaacc acagcaagga aggggtaggg gcttgtgact cagtctttga gaacgtgcga    120

gcattccatg ggatatcgag gggtcccaaa gaagaaggct gctcgatccc cacattcttc    180

atctcatcag cgacaggtct ccctcccaga accccatcag gacaggagaa aaggcagcaa    240

gagaggtggg gtggtcctgg cacgtgggcc accagtcttc tgaatgaaga gtgagtcccg    300

ggtcaggagt ccacatcagg tgtgggctgc ttccaatctg taggttctcc tggagattgt    360

cacaatctgc cagctctct                                                  379


<210>   882

<211>   238

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (126)..(228)

<223>   n=unknown


<400>   882
acaacaaaaa aaggaaaaat aacgcttcaa tgcttttaaa acagcaagat aatagttctt     60

tgatactttg agaggcgctt tgatgaccct catccaagtc tatgacactt tcctatggtt    120

ttctgnatnc tatgnctgga tggagctgtn aaaagatgaa caanttggng gatntttggg    180

gaaancaaca naattctnaa anctcncccg tgaattgtga aaaancangg gggggaac      238


<210>   883
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<211> 184

<212> DNA

<213> homo sapiens

<400> 883
gtgggattag tttcttaggg aaatgcctaa gggtaccagc ctaccaagca taaggacatc   60

atttccaggt tttaataatc aaaatagtac aacattctac tattcataat atcctattat   120

ttctgtaacc ttcgtagttg caagtttgtt tttggttttt gttttatatg gccctaacaa   180

aaat   184

<210> 884

<211> 260

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2)..(254)

<223> n=unknown

<400> 884
cngacggtnn tcataanaaa caatagaaaa acatcaatna aatcaaaact aataaaatta   60

atctcaagcc atatgaagaa agaagttata aactatnaat atcagtaata agagaagtct   120

cattactata tattctatan atatnaaatg gataaaaagt naatattatn aacaagttta   180

tgccanaaat attcaaaacc ttanatgaaa tggacaaatt tctttaaaga caaattacca   240

agcctcactn ananaaaaat   260

<210> 885

<211> 297

<212> DNA

<213> homo sapiens

<220>

<221>   misc_feature

<222>   (180)..(289)

<223>   n=unknown

<400>   885
cttctgttcc ttgtttgtag agattttaa aaatcaggaa tatttgttag attttgtcaa   60

ctgctctttt ttaagctttt taataagatg gatcacattg actgattttc aaacgttagg   120

tcaatcctac tttcctggga ttaggtctca cttggtcata atgtattatc cctttgatan   180

attgctgaat tcaatttgca aaaatngttn tttttaacaa attttgcttt tncanttatn   240

ngagntatng gtntataggn aggnttctnt ncttntnata ncttgggcna attttgt   297

<210>   886

<211>   211

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (63)..(83)

<223>   n=unknown

<220>

<221>   misc_feature

<222>   (193)..(197)

<223>   n=unknown

<400>   886
aatatcctat tttatcccat tttagaaccc agacttccct aatagtactg gtgtcaaatt   60

gcnnnnnnnn nnnnnnnnnn nnnggtcccc attttgaatc tttcctggct tcaactcaca   120

tgtactacat ctagttttc ctctacaaac agttgcattc tcttacctgt gttcaggtcc   180

acacccacga gcngacntga ttctgaatgt t   211

<210> 887

<211> 490

<212> DNA

<213> homo sapiens

<400> 887
gttccttcca gttcaattta acagcttcag tgaagttagt ataatgataa gaaaaattga   60

ctgtagctat tattccaagt gaaaatcatg cagctgagtc ctgctgcatc ctggaagcaa   120

agcattaatt caaatgagga gtagtcagtc ctagcactgt agacgccgac tttaccaacc   180

aagatattgt atgtgtgtga cattcagcta acattgatct aggcacttag tttgctacca   240

cattgttccc ttcattgatt gaaactgtaa ataacataac actttaaggc agctaagcaa   300

atattttaat aagccatgaa aggcaagatg ccagagaaaa tctgtatatt cagctatttg   360

gagaactcgt gttttccaca aattaaactg gagatgtcat ttgaaatttt cttcccttaa   420

acatgctgtc acaacatgga ttccttctca tgggatggcc ttccaaggct tataaatata   480

tggtgtgatt   490

<210> 888

<211> 442

<212> DNA

<213> homo sapiens

<400> 888
caggaattca ttaggtcaga atagaacatc attatttaca cattcaagga ataactccag   60

tgctaaatca gcgaggtact tacactgaat ttaggaaata tgactgaaga gagagtttct   120

tcttacacat acaggctcaa atcctttata catttatttc tgccttggaa tcttagtaca   180

tattgctgaa atcactatta attgctgaat aaaatttcac aaaattatag caatcacacc   240

atatatttat aagcctagaa agacatccat gagaaggaat ccatgttgtg acagcatgtt   300

taagggaaga aaatttcaaa tgacatctcc agtttaattt gtggaaaaca cgagttctcc   360

aaatagctga atatacagat tttctctggc atcttgcctt tcatggctta ttaaaatatt   420

tgcttagctg ccttaaagtg tt   442

<210> 889

<211> 243

<212> DNA

<213> homo sapiens

<400> 889
cttaattagt tgctttcact atttccgaat atacctgtgg ctaagttttt attgaaacac   60

tcaaaaatac cacttctcag tatgaacaca attgctaaga gcctaatttg gttctggact   120

atggtcaacc tgtgtgcctt gttagttctc tccagcagct ggtgagtaag gaaatgaccc   180

ttcaatttcc tcttcttttt cctctgacct ctgtgactta atttttctta atgtctccaa   240

gtc   243

<210> 890

<211> 446

<212> DNA

<213> homo sapiens

<400> 890
tgcaactaaa tctaacagta tttgtacgag tactttcaag ctaaagtact gctaaaaaat   60

ttcaacatgc atgcaattcg tttacataat aacataattt attataaaac ctgtgactct   120

gagcacttta tggaatatgt gcttatggaa taccctctac tgtaacatgg ccacatctga   180

gaaaagagat gctgctgagc agaagagtcc tgtgttcaat tttgttgaaa tgggttggct   240

gctcagactg ttcaggactg ctactgtgct atgatagcat tgcttgatag ctcaattcac   300

atcagacttc agaagacttt caagcacaag ccgttagcca ccaacaaact ggtagcacaa   360

gcagccttgg caaaacacag ttactatgca ggtgggctct gttttaagca aagtcgatat   420

tgaaaatcca aacatacaaa agagat   446

<210> 891

<211> 454

<212> DNA

<213> homo sapiens

<400> 891
gaaaaaaaaa gaaagcgaaa aatggatgta agcaagataa ctcgttatac cgaggattgc   60

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tttagtgatt ctaattgtgt acccaataaa tcaaaaatgc aagaagtaga ctttctagaa   120

caaaatgaag agctacaagc agtagactca cagaaatatg cattatcaaa agtgaagcct   180

gaatcaactg atgaagactt agaatctgtg gatgccttcc aacatctaat ttataaccca   240

gataagtgtg gagaagagag ttcacctgtt catactagca cttttctttc aaatacctta   300

aaaaagaaat gtgaagagag tgattctgag tcacctgcta ctttcagtac cgaagagcca   360

tcattctacc cctgtacaaa gtgcaatgtg aattttaggg agaagaaagc acctccacag   420

ggcatatgat gtatctttag atggggatag tcac                               454


<210>   892

<211>   154

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (49)..(145)

<223>   n=unknown


<400>   892
ccccatgtgc aatgcctcga tggcattcca attcattttc tgtcactgnc atgaagntan    60

acncttcana ncannantac cttttanctt tttcatgggt nttaacntgn tgnacaaatg   120

tttnagggca attggtaccn aacnnacact gagg                               154


<210>   893

<211>   188

<212>   DNA

<213>   homo sapiens


<400>   893
tccttaccgt accataatct gaatgggctc tatatacagg tgctgtggag catcttttgt    60

aaaaacttcc ttgtggtgac attttagatt attttttatgg gatatagtcc accaaccgta   120

attacctggt cagcgtttta aactcttgca acactaaata tatacaccta caatataccc   180

gcaaaaat                                                            188
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<210> 894

<211> 151

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (108)..(108)

<223> n=unknown

<400> 894
gttgcaagag tttaaaacgc tgaccaggta attacggttg gtggactata tcccataaaa   60

ataatctaaa atgtcaccac aaggaagttt ttacaaaaga tgctccanag cacctgtata   120

tagagcccat tcagattatg gtacggtaag g   151

<210> 895

<211> 462

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (262)..(262)

<223> n=unknown

<400> 895
gctgggtatg tctcatggag aggtgctttc actgcttccc tgttcaccta gtcttcaatc   60

tggtccagag tttcagcccc atctctggag ttgagtcctg ccttctccct caatgtgaca   120

aatgttggcc aatggtatat cgcagttgtg atgcaagcag aggcttggta aatgcctgca   180

tactggggtt tgtcctcttg gaatgctcat ttgtgggagc cctgaacaac tatgtaagaa   240

gtctggctac cctgctggag anaacacatg gtgggaagag actaaaatta tgtgaagaga   300

gtcaggccag ccatcccagc ttctctgctg agccccgcca tcagccaacc tgccagctga   360

atgcaaccgt aagagtgatc accagcaaga tcactagaaa aaccacctaa ctgagcccac   420

cctggattga acaatcataa acaaataaaa tggttattgt tt   462

<210>   896

<211>   97

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (3)..(74)

<223>   n=unknown

<400>   896
canttangtg gttttttctat tgntcttgnt ggtgatcact cttacggttg cattcancng   60

gcangttggn tnnnggcgtg gctcagcaga caatctg   97

<210>   897

<211>   398

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (183)..(262)

<223>   n=unknown

<400>   897
gtcctcactc cagcttttcc tagatccttg ataggtcttt ctctcttttc tactggtcct   60

ctcttcaagt tagattttta attttttacct tgagaaatta gggcctcatg ggacagaaaa   120

agtagcacag ggctagaaac ctggtaactt tgattctatt cctcattctc ccactaacct   180

aannnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   240

```
nnnnnnnnnn nnnnnnnnnn nnctccagca tctgaatgac acacagtctg tgattctgca        300

atccagtgat aacaaacttc ttcaaaatta tgaccatgat gttttacttg aaaaaaaaaa        360

agaatatctt gttgaatcca ggtcatggtg tggaaatt                                398
```

`<210>  898`

`<211>  397`

`<212>  DNA`

`<213>  homo sapiens`

```
<400>  898
cagcaggaaa gtttgtttcc cacagccctg aaaccacaat acatgcatgg caacctgtta         60

catctaagaa aaagttaaca attacaaaat aattataaca aaagagaact tggctgggtg        120

agctgatgca tggaaaccct gccctgcata tactcaggta tagacacatt tcttcaaaca        180

caaagattca agctcaaaac caagaaaggg aaatacctga aggccaaaaa gagagaactc        240

aaaatcagag cagtaagtgg gagttgaagc cctgcagcta aggagcttgt tgggccttac        300

gtagacttaa tggcagagtc ttggggcttt aagggctgtg ggtggggatc caggctgctg        360

gtcctgtgta caatgttcaa gggggtgatg gaactgt                                 397
```

`<210>  899`

`<211>  63`

`<212>  DNA`

`<213>  homo sapiens`

`<220>`

`<221>  misc_feature`

`<222>  (13)..(13)`

`<223>  n=unknown`

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<400>  899
cggacgcgtg gtnagcaaga gaactagaag tagagactga agatgtggct gaattgctgc         60

aat                                                                       63
```

652

<210> 900

<211> 119

<212> DNA

<213> homo sapiens

<400> 900
tttacactgt agtctgttaa gtgtgcaaga ctattgtcta aaaagcagtg tatgtacctt   60

aatttagaaa tattttattg ctaaaaaatg ctaatgacaa tctgaacctt tagcgagtt   119

<210> 901

<211> 550

<212> DNA

<213> homo sapiens

<400> 901
ccggattctt caatcaaccc cgaccacttg tcttatttcc actttgtggg gcggatcatg   60

gggctggctg tgttccatgg acactacatc aacgggggct tcacagtgcc cttctacaag   120

cagctgctgg ggaagcccat ccagctctca gatctggaat ctgtggaccc agagctgcat   180

aagagcttgg tgtggatcct agagaacgac atcacgcctg tactggacca caccttctgc   240

gtggaacaca cgccttcgg gcggatcctg cagcatgaac tgaaacccaa tggcagaaat   300

gtgccagtca cagaggagaa taagaaagaa tacgtccggt tgtatgtaaa ctggaggttt   360

atgagaggaa tcgaagccca gttcttagct ctgcagaagg ggttcaatga gctcatccct   420

caacatctgc tgaagccttt tgaccagaag gaactggagc tgatcatagg cggcctggat   480

aaaatagact tgaacgactg gaagtcaaac acgcggctga agcactgtgt ggccgacagc   540

aacatcgtgc   550

<210> 902

<211> 459

<212> DNA

<213> homo sapiens

<220>

653

<221> misc_feature

<222> (22)..(422)

<223> n=unknown

<400> 902
gggtgggagt actatggtaa angagggata tatgggtggg anccaccaac aananntncc   60

catcccccctc ccccaacaga aaggananan acaacccttt cccctcaggt gntntggant   120

tccagggcct ctgccagntt tgcaggaggt gcacanaagc tggatgcttt tggtctggtg   180

gccatgagct agactctgtt gcctttggtt gnntttcacn ccacagcaaa cccgcaggtc   240

tcctncacng ntgtcagcan cttctcgtag agnttctcat aggantcata tngtggantg   300

tcnntccggt taaagcaggt atnggccttc ggaaggttgt ctgtgttcnn gtctatcagg   360

tggatggtga acanccgggg ccctgccgcg nctgtagnac cttgcaaanc cttgaagcct   420

tngagcggga ctcgcgtgga cccagtcaca aactgcagg   459

<210> 903

<211> 290

<212> DNA

<213> homo sapiens

<400> 903
agacctcaat gtatgggtgc tatataaatg tgaagtagac ataaaatctg cctgttatat   60

ttgtcctttg ttccataatt aatgttttgg gacatgttgg gccagtacca tactgtcagt   120

cttggaaact ctcagttata aagtggtaat atagtcaagc attgcaaaaa gggggccact   180

accctaggtg gataatattt aatttggcat gtgatactta ggaagaaaat tggtaaaatc   240

aggattggct cattaccttc ataaagaatt ttcaggaagt tttgtttgca   290

<210> 904

<211> 372

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (3)..(361)

<223> n=unknown

<400> 904
tgngnngtnt gctttctgga aacatattgg aacacttntt tttcataagc tgtcctgaca   60

gtggcacaat cccatccatc ttcaggcctt ttaataaggt cattatgaaa tctgaatttc   120

tattaatact ctggtgcatn catttcatct gcaaaagcaa ctggcacaac cactccttgc   180

cggtgcagct ctcggagaac atctaatatt gngtctagtt ctgtgcggaa ctnntccagc   240

tcacgnttct tnnacngtgc cannctnttc catttnncnn cnncnttgtc cngcncagng   300

tcnacnannn ggtgtnntng ctgnactanc ngnngaannt cctgttccct ttgtgcatgt   360

ntcatttcca at   372

<210> 905

<211> 175

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (78)..(146)

<223> n=unknown

<400> 905
gtggagttta ttggaccatt tttgacctct agtaatggtg ggctcacatg tttgagttga   60

gttgggtcag gtgctgantn cctgctgctg caggcaccca accttgtgct ttcaggttaa   120

ctctaaccac acatctcatg ccttcnctgt ggcatgtatt tgaagttaac tgaaa   175

<210> 906

<211> 128

<212> DNA

<213> homo sapiens

655

<220>

<221> misc_feature

<222> (4)..(96)

<223> n=unknown

<400> 906
tcantcanga gancnacaac tacntgcnaa ccatagtctt caatccgcta agatgagcaa   60

ttctttctgt cnacactgnc taaccccaac tgacancaga gaaaaaccac gaggcctgtg   120

gctgcccc   128

<210> 907

<211> 429

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (183)..(221)

<223> n=unknown

<220>

<221> misc_feature

<222> (357)..(425)

<223> n=unknown

<400> 907
gaatcagtca gtttcatgca acagaagccc ttttcaatgg cacctttata tttttatcat   60

tcctttttct tcatttatct aaccccaaag ccctgatatg ccacagaaat ggagctatac   120

agccatgaag cggtgttaca ggtgaggagt gtaatcctag gaagcatcag gtgaaaagca   180

ggngaccaaa ganntggtca ggaacaatca tcagccctcc nctgggcggg aatcagagca   240

gtcagtccag caggaagagt ggcagacttt gtagctccat gggcacgtca attactaatg   300

656

```
ctaagatgtg ttggactctg aaaaacaaaa ttctgtggct acactgtact gaatganatt      360

aaagaaactt tttttgcgng gncacanata gctgaatact taaattattt ctnggggggct      420

gcaancttg                                                             429


<210>  908

<211>  470

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (118)..(136)

<223>  n=unknown


<220>

<221>  misc_feature

<222>  (413)..(429)

<223>  n=unknown


<400>  908
gaacattcaa acatcttaaa attaaacttt agcaacaaag tttaacattc aaacaggagt       60

atagtttaca agaaacaccc agaaaggtaa tttgttgtct aatccagaat attgatanag      120

atcacttaat ggtgantaaa atatgtttaa ccagtggttc tattctggcc aacatgttag      180

ttatgaccgt ggttccatac ctgagaagaa attactacat aaatcttctc ttaggctaaa      240

caacaagact cggtctataa ttcagagggg ataatcaaag cacgtaagtg aacaaataaa      300

actaatctga tctttagaga caaaggtaaa agtattgtcc attataataa ttgtagcctc      360

tggaagataa gaattcaatt ttcagtgttt tctcttttac ccgctttaaa aanaaaanat      420

caanacaana caaaccccaa ctcgggtttc ttggagtctg tggtctcgag                 470


<210>  909

<211>  430

<212>  DNA
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657

<213> homo sapiens

<220>

<221> misc_feature

<222> (54)..(57)

<223> n=unknown

<220>

<221> misc_feature

<222> (354)..(354)

<223> n=unknown

<400> 909
tgacacttac tattaccgtc gacggcaccg acatgagagg acacagactc aganngngga   60

ggaagaagag aaacctcaga ctacatattc tgcatttatt cagctacttc cagttcttgt   120

gattgtgatt atatctgtca ttactcagct gctggctact aatcccccat atagtctgtt   180

ctataaatcg accttgggct acaccatttc tagagaaact cagaacctgc aggtgcctta   240

ctttgtggat aaaaactttg acaaggccta cagaggagct tctctgcatg acttggagaa   300

aacaatagag aaggattaca ttgattatat ccagactagt tgttggaagg aganacaaca   360

aaagtcagag ctgacaaatt tggcaggatt atacagagat gaacgattga aacagaaagc   420

agagtcgctg   430

<210> 910

<211> 508

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (481)..(481)

<223> n=unknown

658

<400> 910
ggaacataaa taggaacaag tagcaaaacc ccagccctgc gtaggaccat tatcctctca   60

gccacctctg cgtaggccaa tgagtttgga aagtttctca cagttttcaa gtttcagcga   120

ctctgctttc tgtttcaatc gttcatctct gtataatcct gccaaatttg tcagctctga   180

cttttgttgt ttctccttcc aacaactagt ctggatataa tcaatgtaat ccttctctat   240

tgttttctcc aagtcatgca gagaagctcc tctgtaggcc ttgtcaaagt ttttatccac   300

aaagtaaggc acctgcaggt tctgagtttc tctagaaatg gtgtagccca aggtcgattt   360

atagaacaga ctatatgggg gattagtagc cagcagctga gtaatgacag atataatcac   420

aatcacaaga actggaagta gctgaataaa tgcagaatat gtagtctgag gttctcttct   480

ncctcctcct tctgagtctg tggcctct   508

<210> 911

<211> 438

<212> DNA

<213> homo sapiens

<400> 911
ggactctaga tcttgtttat atagtgagtt ctttaaaaaa ctgaggtctt ggttctgaat   60

aatagtggtt tacataattt atttagaatg tcatttgggg ttatctctga cctattttta   120

taaaataatc tcatctttaa aataggagta aaatgctcat ttgcataagc cagtaataat   180

aatttagtat ttttccaagt atttatagtc aatgtgtttg ccatgaactt ttttaaggga   240

ttgtttttaa ttttagaagt gctttaaaaa gcaatattgg catctggctc tgtagaagta   300

gaaaacatgg taacttcaat gtgatatatt tgctttttc ccctcttagg tctttggggt   360

aaaaaaaatc ccaaagttta ccccaatttt aattctacca tatattacct acaaatttat   420

agaggtgaga cctgcttg   438

<210> 912

<211> 374

<212> DNA

<213> homo sapiens

<400> 912

659

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ggactaaaac ttctacccat gtttacaggt atttcctcac caggctcaag tgaggaacca      60

tgcgagaacc ctttggaaac tatgaaacac tgtacagacg ggaggtatta gtatcactga     120

caggtatgaa caggcagcaa gcaggtctca cctctataat ttgtaggtaa tatatgtaga     180

aataaaattg agtaaacttt ggattttttt taccccaaag acctaagagg gaaaaaaagc     240

aaatatatca cattgaagtt accatgtttt ctacttctac agagccagat gccaatattg     300

ctttttaaag cacttctaaa attaaaaaca atcccttaaa aaagttcatg gcaaacacat     360

tgactataaa tact                                                       374


<210>   913

<211>   490

<212>   DNA

<213>   homo sapiens



<400>   913
catagacatt agaatcaagt ctcttggcat tatttctagt tggtatatct tttatgctaa      60

aaatattcaa tattcagttg ctggtcacaa ataatttctc ccccacaata ggtattgtct     120

tctaagaact ctgaagcaat gtcagacatt gagggaagct ctcattgctg caggaaaaga     180

gattatatgg catgggcgga caaaagaaga accagctcat tactgtagca tttgtgaagt     240

ggaggttttt gatctgcttt ttgtcactaa tgagagtaat tcacgaaaga cctacatagt     300

acattgccaa gattgtgcac gaaaaacaag cggaaacttg gaaactttg tggtgctaga      360

acagtacaaa atggaggacc tgatgcaagt ctatgaccaa tttacattag ctcctccatt     420

accatccgcc tcatcttgat attgttccat ggacattaaa atggagacct tttctggcta     480

attccaggga                                                            490


<210>   914

<211>   76

<212>   DNA

<213>   homo sapiens



<400>   914
tactccatgt atttacccct ccctctctcc cactgaacct ctggcaacca gtctttacta      60

actttgcttt ctccag                                                      76
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<210> 915

<211> 423

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (253)..(344)

<223> n=unknown

<400> 915
gcccagggcc cctcctgcac cacgggccac atgcggagga cggcgtggga taggctccct   60

gggtccacag cttctgcccg tgtatgggga accctccttg gtcagggctg caggctctgg   120

gcagatgggg caggaaccct gaggctcccg cgccctccca tggcctctga tgtgggacac   180

tggagcgagg cacgattctg aaggactcca tggatctggg aggatgaggc ccacctccgg   240

ttggtggcca aanccgtcct tncggggccg gctgcttcac ggacactctc cgggtcgggc   300

tggtgggccc catcgtgggt gggaagtcgc ctgagctggg ccgnccttga acttctccca   360

gtcttgactt tccagagggt ccgtggctgt ggtcatggtc ggggcaagtg gaaaattctg   420

cat   423

<210> 916

<211> 359

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (73)..(73)

<223> n=unknown

<400> 916
cacctccaga gccaagtgga ggagctgaag tcatctggcc aagggagaag gagcccggga   60

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aagtgtgacc agnagaaacc ggcacccagc tttgcatgtc tgaaggagct gtatgacctc      120

cgccaacact tcgtgtatga tcatgtgttc gctgagaaga tcacttcctt gcaaggtcag      180

ccaagccctg atgaagagga aaatgagcac ttgaaaaaaa cagtgacaat gttgcaggcc      240

cagctgagcc tggagcggca gaagcgggtg actatggagg aggaatatgg gctcgtgtta      300

aaggagaaca gtgaactgga gcagcagctg gggggccaca ggtgcctacc gagcacggg       359
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<210> 917

<211> 520

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (106)..(106)

<223> n=unknown

<220>

<221> misc_feature

<222> (289)..(291)

<223> n=unknown

<220>

<221> misc_feature

<222> (395)..(431)

<223> n=unknown


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<400> 917
tgtttttaagt gcctctgctt ctagtttaaa tgaatgaccc agacagagct ttcaagctgt       60

ttcttagaga atgtgtggtt gagcagaaat ggctatccac acctgncaca ggtcccccacc      120

cacctcacac cctggaggca gcagcataag ccccagtttc cactatggtg tctcctcaat      180

gaccagaata cccgccagtt ccaggggtca gcaattccat tctctctctc cggctcagtt      240

cagaagctgt gatggtcctg ttagagagca ctgcctgcag gtcaaaacnt ngaagaggct      300
```

662

```
ctcccaggcc aggcgacaac ccttcaggtg cagacgggga acaaaaggct taacctgtga      360

taatcccaac accttctgaa aaaagagtaa cagtnatnca gcaacgggcc atgggtangg      420

gcgggcggta naggggacac tgtcccctgc ctcagatgtc ctgtccagag ggtgggcaca      480

gatataggct cgcttctcaa gggatctgct tggacacttt                           520


<210>   918

<211>   182

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (117)..(176)

<223>   n=unknown


<400>   918
gcggggccgg cttggggctt ggttctatgt ccctgcgggt cggtgcgagg gcgaagagga       60

acccgtgggc ctcggggggat cccggggggc cggaccagtg tcccctagtt gtgggancag      120

acgcgtgggc gcatcgcggg cnggcanggc ctnaantnca gaantttata cgnganctaa      180

tt                                                                    182


<210>   919

<211>   242

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (212)..(226)

<223>   n=unknown


<400>   919
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agacactggg aagaatgtct acagcagata gaaatgtggt gtcatctact tccatcctga      60

cttacaaagg ggtggcttag agcccctgga gtactaaggg gctggaaatt gctgaactac     120

atagatgtgt ggcacagggc aggtgtctcc tcacctctgc ctcttttcac agttcactga     180

tgtccttccc atgtccaggt gggctgggtc angggcatga ttagcnggca aatcagtcat     240

gg                                                                    242


<210>  920

<211>  362

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (304)..(304)

<223>  n=unknown


<400>  920
tcggattagt cagatgctgt gagaggaggt ggaaaaaacc agtgtagaat gggcaggcac      60

ctttgaaaag gctagaggaa aattttggaa gggcattaag gaggagcata gcaaagaagt     120

ctagacctat gacttggagc tgttctgtta tataaatagg atatccagag atagcaaact     180

gctcactgca ggaaataggg gaaatagagg taatttggaa gaacacccca ctgttatatt     240

gtggcagtta tgttctataa agtcgctgtg gacgtaatta gtgatactga gccattgctc     300

ctangggaac aatacagagt tagattcctg tgagcctctg gttataacga ttttgtcagc     360

tg                                                                    362


<210>  921

<211>  330

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature
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664

<222> (65)..(67)

<223> n=unknown

<220>

<221> misc_feature

<222> (278)..(315)

<223> n=unknown

<400> 921
cctttctcg ttttaacatt ttatttcttt gtccattttc taagcagtta aaatgaaaat   60

gtttncntat gattgttgtg gaaaacaagg gactgagaat gtgaaggacc atttggttct   120

cagctgatgt tctcaaagtt aaactttcat agtacctcac gaggaggctc tacatatggt   180

cccagagata tgcttacaat attttaagaa gacatttatc tcacaacttt aagcttgttt   240

cacactttct gatcacacct cccctggtgt actatganca aatattctta tgtaaatccn   300

ataatttccc catanataac aaaattaaaa   330

<210> 922

<211> 517

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (278)..(416)

<223> n=unknown

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<400> 922
tctgactgct atggttatcc aagaaggcac cccagaatac ctgttggcca ccgctgtttg   60

gtatatgcaa aaatgtgtag ttttaaaag agtctttttg ggcttgcact gaggagccac   120

cctattttat acagtcaaaa tattgctata tttaagttaa ccattctgtt ccagtgcagg   180

attcagtaac atctattctg taagtttcag ttgtgatatt tcttaaagat tcaaagatgg   240

atcctgggaa tttgatttag cctccatttc atctgggnnn nnnnnnnnn nnnnnnnnn   300

665

```
nnnnnnnnnn taataattaa accctcctat tcacacatat ttcattaatc cttacagcaa    360

cctgagagat agtttannnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnagag    420

gttcagtgat tcgcccaagg ttataacagc aagaatggtg gtgaaacaag aattcaaatc    480

cagattggtc ttaatagtga gctctcatgt gtggata                            517


<210>  923

<211>  518

<212>  DNA

<213>  homo sapiens


<400>  923
atacaattct tcactgatga tactggtata aaatggtggt tattaattca tgctagcaca     60

accaaaacta atttaacatt attggtaaaa atgagtcatt tttgaatctc tattaaaatc    120

tgaacacata aacaaatctg tgctaaaact ggaactgcct tctcactcta catataatta    180

aacttccagc ttcaaccatc tgatgttgaa atctaaagca cctccatgag ttaaatgtcc    240

ccgacaaacc atgtagatgg acaaacaaga ttggtggtct ttaattgctg gcgacagaaa    300

aggctgcagt ttagtactta aacctgcagt tagtggtcaa cttttctatcc aggcagagta   360

aactaaggag agctatgaaa tatcaaaaga aaactagagg ccaggacaaa gaggcaatgt    420

cagccaagcc actgcaagat ggtatgcacc cctgtatttc agccaagggg caggcaatcc    480

aaattacaca ctgctttcct taacttgacc aaacagtg                           518


<210>  924

<211>  344

<212>  DNA

<213>  homo sapiens


<400>  924
ccgctctgca aaccactgcg tgctttgcag agtgattatc agcacagttc cctgccctgg     60

ataaggaaca gctacagtcg ctgttaaatg tgcctgaaaa gcaatttgca atctttgcat    120

taggcatttc ggccgtggaa ccccaggctc ggaggactgg gtgtgagcgc tgcccgggag    180

aggctgacct gccgggaccg gagtgcccgg ggacgctgtg cccccacttg cccaacgtgc    240

ggaatcggct aagcgcgtcg gcctgcgcgg ggcacaaggg acgacgcccg cctttctctc    300

tccgagaagg atccccaaac ctcactctct tcactcctcc ccgc                    344
```

666

<210> 925

<211> 471

<212> DNA

<213> homo sapiens

<400> 925
agtttgtaag tattccactc tctactctca gattgagagc caaaacttta ccttccatca   60

ggaggtcacc ctatctacag gcaagacagt gagctgtacc aaaggcactg gccaaagtag   120

ggcccaggtc attattttct tttgagagag ctctctagcc ctgattccca gttgtgcctc   180

cttaataagt acaacaccac ccccaccacc ccaccatgcc atccatggag gttttgtgca   240

tatatatcac agacttggat tccattccct aagatatctt taggactaag gtaggtatat   300

atatatattt tcttctaagt gattccttcc caccgtttta atgcacatag taagtgggga   360

gtgtgcaggc tgttggtttg gagaaaccca ggcaaaagca cagtgactgt ggcctgtcca   420

gattaaatct gttaagcagt aggttttgct aaatatggag gaacagtaaa a   471

<210> 926

<211> 554

<212> DNA

<213> homo sapiens

<400> 926
aaagttggga ataactgtgg taacaggaaa tattacacta caactgttct ctagaaatct   60

ccaccatccc catccttcct cagcaaatga aggtgggtgc tttggatcct ttctctgttc   120

ttagaaaggg gaatggatgc ttcgtataga gagctatgat tcagacgccc atcagagtgc   180

caagctccat gctgacaggc acatttggct acattcaaca accctatatg agatacataa   240

acggcacatg ccattttctt ctcctttgaa acgagtctcc aacgcaaagg ctttcacttt   300

tcattctcta ttttaacttt aaataccaat gaacccctg gtgaaacctc tcctctacaa   360

acattcactc agacagtgat cacgccaacc gcaccacatc taaaaattac aaaggagaac   420

tttgtaccag ctaaggacaa agaagcttta ccttttactg tttctccata tttagcaaaa   480

cctactgctt aacagattta atctggacag gccacaggtc actgtggctt ttgcctggtt   540

tctccaaacc aaca   554

<210> 927

<211> 437

<212> DNA

<213> homo sapiens

<400> 927
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atcattttgt atgcattgag aaagacattt attatggttt ttaagatact tggacatctg      60

catcttcagc ttacaagatc tacaatgcag ctgaaaagca accaaattat tttttgctga     120

aactagatgt ttttacatga gaaatactgt atgtgttgtc taagatgtca gttttataaa     180

tctgtattca gatttcattc tttgttagct cactttataa tttgtatttt tttactgtat     240

agactaaata tattctattt acatgtatgt caactcatta ctttttttcct gtgaacagta     300

ttgaaaaacc ccaacggctg ataattaagt gaattaactg tgtctccctt gtcttaggat     360

attctgtaga ttgattgcag atttcttaaa tctgaaatga tctttacact gtaatctcag     420

catactgatt atgggag                                                     437
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<210> 928

<211> 442

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (287)..(435)

<223> n=unknown

<400> 928
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gatctgtaaa aggtgtcaat ataatattgc ctatacagga aaaaattcaa atgtgaatag      60

caacaaataa aagttacaca tcttcctact tagcagtgca attaattcac attgcaataa     120

agttaagtca agtataacaa aatcaaaaca agtgtttctc cataatcagt atgctgagaa     180

ttacagtgta aagatcattt cagatttaag aaatctgcaa tcaatctaca gaatatccta     240

agacaaggga gacacagtta attcacttaa ttatcagccg ttggggnttt tcaatactgt     300

tcacaggnaa aaagtaatga gttgacatac atgtaaatag aatatattta gnctatacag     360
```

668

```
tnaaaaaaatn ccaattatna agtgngctaa ccaagnatgg aatctggnta cagatttatt        420

aaactgcctc ttagnccacc ca                                                  442


<210>  929

<211>  239

<212>  DNA

<213>  homo sapiens


<400>  929
agttgggcat tgtttttcta acctaacctt tccctctggg gtagagaagc cgagagaccc         60

tgtcctccct tatgcactgt ggcccagtcc ccttgccttt ttcctgttct gtttggagtg        120

gagaagggca gcacctctgt gtttaatgga aatagcccat agtctcctgg atttttggaa        180

catctttctc agcctatttt gtgtcctaat gattcgctca ataaacatgt ttgaatcca         239


<210>  930

<211>  210

<212>  DNA

<213>  homo sapiens


<400>  930
acacaaaata ggctgagaaa gatgttccaa aaatccagga gactatgggc tatttccatt         60

aaacacagag gtgctgccct tctccactcc aaacagaaca ggaaaaaggc aaggggactg        120

ggccacagtg cataagggag gacagggtct ctcggcttct ctaccccaga gggaaaggtt        180

aggttagaaa aacaatgccc aactctcgag                                         210


<210>  931

<211>  449

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature
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<222> (7)..(7)

<223> n=unknown

<220>

<221> misc_feature

<222> (375)..(442)

<223> n=unknown

<400> 931
ggcgcantaa cagacggcgg cagtgcgaga aagccgaaga tggcggtccc cgcggcgctg   60

atcctacggg agagccccag catgaagaaa gcagtgtcac tgataaatgc aatagataca   120

ggaagatttc cacggttgct cactcggatt cttcaaaaac ttcacctgaa ggctgagagc   180

agtttcagtg aagaagagga agaaaaactt caagcggcat tttctctaga gaaacaagat   240

cttcacctag ttcttgaaac aatatcattt attttagaac aggcagtgta tcacaatgtg   300

aagccagcag ctttgcagca gcaattagag aacattcatc ttagacaaga caaagctgaa   360

gcatttgtca atacntggnc ttctangggt ccananacag ttgnaaagtt ccggcagaga   420

attctggctc ccctgtaagc nngagactg   449

<210> 932

<211> 411

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (217)..(391)

<223> n=unknown

<400> 932
ttattgcagg aatatttcaa gtgccatcaa atatttatag aagggttaaa aaaatagaag   60

tctctctaaa gtggtccaga caaggctttg tatagaataa atcttttttt ccccatcttc   120

tagttttgat ttaagtattt tgaatacatt ttcttttcca ttgacactta gtagcctaga   180

```
agcggtccga cgcacacaca tcatacacat gcaaatnnnn nnnnnnnnnn nnnnnnnnnn      240

nnnnnnnnnn nnncttcctc acctgaccct cagcccaccc ccatacgctc acagatanct      300

gggtatccac actataaggn accaccaaac ttagaagcag tgtcttaagn catggttttc      360

ttnagttaga aagggtgaat taggatggcn naagacttta aaaaactcga g              411
```

<210> 933

<211> 452

<212> DNA

<213> homo sapiens

<400> 933
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cttttactta taaggcaatt tggtagacac aacatataac aatgtgtaca tacaaataaa       60

cacatctaga catgtataca cacacataaa cgaagattca atagcttgga accttagcca      120

tgagatagca atacaagctt gccagttttt gccccaacag ataatccaat gaaggctgtg      180

aaccaaaatt ttggctaaag cagtctccat ggcagtttga tttttaaagg ccaaacctcc      240

cacgacttca aagcagggtg tcacatgtta accaggcccc ctgcttagag ctgcagcaca      300

aaagcctgga tacatgcaac tctattccac tttccaattc aacagtaaac ttcagattcc      360

aaacaatgtt ggggccaaac agcattgcaa ctgcggagag aaaattctaa ggagggctag      420

acctcagaac ctctgccaag agcatcctct tt                                   452
```

<210> 934

<211> 553

<212> DNA

<213> homo sapiens

<400> 934
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aggacagccc cacagtactt cagaatatca agtatgtagt aagtcttgtt agctgtgaca       60

gtgacaaggc aacagctaaa aaaaaaaaca aagcagtgaa acaaacatga tttccttaaa      120

attataaaac aatactgata ctaaagtttc attaattatt gcaacagtaa agaatttaat      180

ttaccaatat ttcatgttag gaaggctctt tatgaaattt attcaagttg tcaagaaatt      240

ggatgaaaat ataaaaaagg aaatacatgt gaattttact tttgattttc actcaaaata      300

tccatacaat tttatacagt gtcgcctaac ataacaatct ctaataaact caagtataca      360

gaaatgataa aaatgcagga aatttttac actttcaaat gaaaggatag caatttatga      420
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671

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cacgaagttc gtgtaacaga tgcggaaatg aataaagaaa tcaacatcag tgagacagtc    480

tccctctact ggaggggcac gttcttatag ttcgtaacta ggtctgagtt ccaaggtaac    540

agttgcatac gag                                                        553


<210>   935

<211>   471

<212>   DNA

<213>   homo sapiens


<400>   935
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gccaaggcca aaattgggct agtcctggcc agggaaatca gaagctcttc ttgggtgaga    120

ttgagcctcc tgttgctccc tggagttccg gaggctgggc tgcagcccac tcagcttgcg    180

ggcaaaatac gtgctctcct ctctccttgt cagctgagca aacccaggga atagccctcc    240

tctccccagg aaacttctct gaaatcttag acttagccag tcttaggcct acgatgccac    300

acaaaggttg ttcagggaga aggggggtgca ggaggcagag ggtgccccgc aggagctggt    360

ggctccagcc ccactagagc tcctaaagat cacacagcag ctgctcctga cagggatgct    420

catgcccaga aagcaagccc aggagaggaa ggcagagtgt gacagagcag a             471


<210>   936

<211>   268

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (39)..(264)

<223>   n=unknown


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cgcctttcct gntaatttc acgatgtgac cactgccctg ngaacttccc acccacatga    120
```

ctgatttggg ctccangatg tanaanggca tctatatggg cagttctnga cttctgcctn   180

ccgtggcact tctctggagc cccananang nctctncngn tgcgcntnnc cntggcnctg   240

ctctgnnana ctctnccttc cncncctg   268

<210>   937

<211>   514

<212>   DNA

<213>   homo sapiens

<400>   937
gccgggagta cagacgacgt caccgtatat cttctttcg gccagtggag gatatcaccg   60

aagaggactt agaaaatgtt gccataactg ttcgagataa aatctatgat aaagttctgg   120

gtaacacgtg ccatcagtgt cgacaaaaga ccatcgacac caagacagtg tgtcggaacc   180

agggttgctg tggtgtgcga ggacagttct gtggaccatg cctgcggaac cgctatgggg   240

aggatgtcag atcggcattg ctggacccgg attgggtgtg tcccccctgt cgtgggatct   300

gcaattgcag ctactgtcgg aagcgtgacg ccgctgtgc cacaggaatc ctcattcatc   360

tggccaagtt ttatggttat gacaatgtta aggaatatct ggagaggtaa gtaagtctct   420

agcagcttac aaaacagctt gaaatcttga ggctgagcac aggagaccct ctgggcaagt   480

agtgttgctt cccgtgtgac ttacttactt atat   514

<210>   938

<211>   121

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (42)..(100)

<223>   n=unknown

<400>   938
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tgtactctgg ggaaagtgga gcaaggaagg agctacagnn gccgacgctg gaggtcggct   120

673

<210> 939

<211> 379

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (9)..(9)

<223> n=unknown

<220>

<221> misc_feature

<222> (182)..(182)

<223> n=unknown

<220>

<221> misc_feature

<222> (365)..(365)

<223> n=unknown

<400> 939
gtgattgtnc tgggcctgca gagcaaggac caggctgagc agtggctcag ggtcatccag   60

gaagtgagcg gcctgccttc cgaagagcat ctgaaggaaa ccagtacacc ccggatgccc   120

agcgctttaa ctgccagaaa ccagatatag ctgagaagta cctgtcggct tcagagtatg   180

gnagctccgt ggatggccac cctgaggtcc cagaaaccaa agacgtcaag aagaaatgtt   240

ctgctggcct caaactgagc aacctaatga atctgggcag gaagaaatcc actcactgga   300

gctgtggaga ggtcctcgag acatccagtt actgaacgtg ctggtgaaca agccagtgga   360

agtcntcgct ggtgctctg   379

<210> 940

<211> 368

<212> DNA

<213> homo sapiens

<220>

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<222> (39)..(39)

<223> n=unknown

<220>

<221> misc_feature

<222> (194)..(329)

<223> n=unknown

<400> 940
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atgacatgta tacaaggtat gtttgaagga ttgcagatgc aggggcacca tatgctaaag   120

gagtgttgga agctcactgc agaagatgac aaaagcagac tgatatgtat tatttgctga   180

aatataagct ggangcacag gtgaagattg ccaaacctaa tgaacagttt ggcaaataag   240

acaggctgtc aggccatggc agttcagcag tnggcgtgct gcctgtgaac caagtcattt   300

gttccagagg actacactta aataccacna ataaaatctt ccttgtcact gatatcacag   360

ttgaatag   368

<210> 941

<211> 423

<212> DNA

<213> homo sapiens

<220>

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675

<222> (266)..(266)

<223> n=unknown

<220>

<221> misc_feature

<222> (412)..(412)

<223> n=unknown

<400> 941
ggaaaagaag ctgatcggct gtcctgtgtg catcgaacac aagaagtaca gccgcaatgc   60

tctcctcttc aacctgggct tcgtgtgtga tgcccaggcc aagacctgcg ccctcgagcc   120

cattgttaaa aagctggctg gctatctgac cacactagag ctagagagca gcttcgtgtc   180

catggaggag agcaagcaga agttggtgcc catcatgacc atcttgctgg aggagctaaa   240

tgcctcaggc cggtgcactc tgcccnttga tgagtccaac accatccact tgaaggtgat   300

tgagcagcgg ccagaccctc cggtggccca ggagtatgat gtacctgtct ttaccaaaga   360

caaggaggat ttcttcaact cacagtggga ctcactacac aacaaatcct gncctacatt   420

gat   423

<210> 942

<211> 542

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (471)..(507)

<223> n=unknown

<400> 942
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catccagtca ctaccagcct cacttccagc agatgatgat gttggggtca ttttcaagcc   120

gctcatccag ctcatggtag ctcatgcctg tcttgcagca gatctcgtca tagctgtggc   180

676

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agcctgtata aagccgggca gggtggctct gctcttcccg agtcacccgc acaggatact      240

tctgtagtcg cctgatgagg ttcttcataa gcccgaactg gatcagcttc cgttcatcaa      300

catgctgcag ctgctggggg tggcggccaa tgaggtctcg cacggtagtc cagggggctca      360

ggctgcagta tagctggaac acatcccgga gactggccct cttgtgccct tgcttggtca      420

cgtaggatag acatgctctt gcagggactt gtcatctacc aggtcctgga ncttgggcgt      480

tgggcagtat acattggagt actggangat ggacaccagt gtcacaacgc cgtagtacag      540

ca                                                                     542


<210>  943

<211>  352

<212>  DNA

<213>  homo sapiens


<400>  943
gtagcattct aaaatctggg actactagtg agagtggagc cttatccttg gaacccagtc       60

atataggtga cctgcagaaa gcagacacca gtagtcaagg tgctttagtg tttctctcaa      120

aggactacga gatagaaagt caaaatcctc tggcctctcc tacgaacact ttgttaggct      180

ctgccaaaga acagagatac cagagaggcc tagaaaggaa tgatagctgg ggttcttttg      240

acctgagggc tgctattgta tatcacacta aagaaatgga atctatttgg aatttgcaga      300

agcaagatcc caaaaggata atcacttaca atgaagccca tggatagtcc ag             352


<210>  944

<211>  453

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (180)..(180)

<223>  n=unknown


<400>  944
tggggctccc tgggctgttc tgcttggccg tgctggctgc cagcagcttc tccaaggcac       60
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677

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gggaggaaga aattacccct gtggtctcca ttgcctacaa agtcctggaa gttttcccca      120

aaggccgctg ggtgctcata acctgctgtg cacccagcc accaccgccc atcacctatn      180

ccctctgtgg aaccaagaac atcaaggtgg ccaagaaggt ggtgaagacc cacgagccgg      240

cctccttcaa cctcaacgtc acactcaagt ccagtccaga cctgctcacc tacttctgcc      300

gggcgtcctc cacctcaggt gcccatgtgg acagtgccag gctacagatg cactgggagc      360

tgtggtccaa gccagtgtct gagctgcggg ccaattcact ctgcaggaca gaggggcagg      420

cccagggtgg agatgatctg ccaggcgtcc ttc                                  453


<210>   945

<211>   505

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (399)..(497)

<223>   n=unknown


<400>   945
aatacgaaca gtgcacgctg atggcctgca gtcctctgcc gtgcttggct ctctggacgg       60

ttcattctac atggctgctg ctttgcgtcc tctgacctcc ccattcccta tcctgaaccc      120

cccaaactcc tcttcactca gacggcgggt gctcctgtag agcggcaagg caaggatggg      180

gctctccagg ggaccctgcc agtcctccat cttctggtca ccacctggcc cacgtggtcc      240

agcccagcat cctggaggtg atggccgcag tggaggcaag gctgccaacc agcacgatgg      300

tgggtgccct gggcaaccct cctgggggca ccactgtgaa ggcgctgtgc tggacattgg      360

cgttgtttgc agctggcacc agaaccagtc cgatgtctng ctcggcagga aggagaagtt      420

ngcagctgcc tgtggcatgg tctctgctgc aagtggaact gcccatcctt tccgattaag      480

cttnttggtg anaagtnggg ttgcc                                           505


<210>   946

<211>   513
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<212> DNA

<213> homo sapiens

<400> 946
gggtctgtga caggtccaa cagggcctgg tccgtgtccg gtcccccaaa tctgtcgtcc   60

ctgcccccag gcattggcat caacaaaagt cagaattccc gggaacttga acagaggctg   120

ctaaattccc agtaattgct cctttggcct tctagggact gacttcaaag aaggaaggaa   180

agaatcagtg cttcctcatt ctcttttaaa acccgcttcc cgctgagtct gcacccagga   240

gaccagagag caccttgccc ttccatggaa actcaggctg atctcgtatc tcaggaacct   300

caggccctgc ttgacagtgc tcttccttca aaagttcctg cctttccga caaggacagc   360

ctgggggatg agatgttggc ggctgcgctc ctaaaggcca agtcccagga gctggtaacc   420

tttgaggatg tagctgtgta cttcatccgg aaggagtgga agcgtttgga acctgctcag   480

aggggacctc tatagagatg tgatgctgga gaa   513

<210> 947

<211> 513

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (31)..(31)

<223> n=unknown

<400> 947
gcggacgtgg cgggcccctc ccgccccagt nccgcggcgt tctggagccg ggactttct   60

gatgaagaac aatcagtagt atacgttcca ggaattctg ctgaaggaaa tgtcagatca   120

agacacaagc tgatgagtcc aaaagctgat gttaaactta agacttccag ggtgactgat   180

gcttcaatct ccatggagtc cttaaaaggc acaggagatt cagtagatga acagaattcc   240

tgcaggggag aaataaagag tgcatcattg aaggatttat gtcttgaaga caaaagacgc   300

attgcaaact taattaaaga actggcccag agtaagtgag gaaaaggaag tgacagagga   360

aagactgaaa gctgagcagg agtcatttga gaagaagatc aggcagttgg aagaaccaga   420

679

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atgaactgat catccaagaa agggagcttc ctttgtgcct gataaggcca ttccagctgt    480

tctgctgctg ctgttaagct gctaagcaca tac                                  513


<210>  948

<211>  542

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (473)..(473)

<223>  n=unknown


<400>  948
ttcctaggac tgtcaaagct ttaactagaa agaataccaa atacaaggag gttccagctc     60

aattacagca gtgcaacaga atttaataaa gttccaacac tacacttcaa tgcccaaatt    120

tcttcttgtc ctttttagtt gacaagtatg tgcttagcag cctaacagca gcagcagaac    180

agctggatgg ccttatcagg cacaaaggaa gcttcccttt ctttgatgat cagttcattc    240

tgttcttcca actgcctgat cttcttctca aatgactcct gctcagcttt cagtctttcc    300

tctgtcactt cctttcctc acttactctg gccagttctt taattaagtt tgcaatgcgt     360

cttttgtctt caagacataa atccttcaat gatgcactct ttatttctcc cctgcaggaa    420

ttctgttcat ctactgaatc tcctgtgcct tttaaggact ccatggagat tgnagcatca    480

gtcaacctgg aagtcttaag gttaacatca gcttttggac tcatcagctt gtggcctgat    540

ct                                                                     542


<210>  949

<211>  328

<212>  DNA

<213>  homo sapiens


<400>  949
ttttaatatt attgtacatg aaacaaagtt tgtgtacatt gtaccataag aaagtaaagg     60

tgttattttc tcagccacca atgtggacaa tctgtggttg catggcatca ccatcattcc    120
```

```
tgactctgaa tttatatgtt accaataagc aatcattttc ttacacttat tcacacataa     180

actgtgtgtt gtgtccctgc cttttgactg caactatcaa gtagaatttt ccacttgtgg     240

tttatgtctg tgctgaaaat gtcttggatt ttggagcatt ttggatttca gatttttgaa     300

ttaaggatgc ttaacctttg tgtatgat                                        328
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<210> 950

<211> 508

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (453)..(453)

<223> n=unknown

<400> 950
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actaggatgc ttaaaggaac agtgtctcag acaccttatt ctcataaatc aatgcaccat      60

ctgaaataca ttccatctag agtagccaaa ggctgtgtcc cttgtgtgat ctaagagctc     120

tagctcaaat ttgatcaaat aaaaaatgac agctgctcag cttggcccaa atatgcacta     180

tttcatcata tattcagata tctcaatttt acagattggc ttacttagca ctatagacat     240

caactagagt aaggtttaag ggaccaagtg aatcctaaac ctaagcatac aaatgagcag     300

caaatggcat aattgcacat atattagtta ggcttctttt caagaaacta attttgaatt     360

tatttatgtt ttatcagcaa ggattaagtc aagcatgctg acaccattat gaattaacct     420

catctaacct tcaaaatgtg tggattccat ttnaaacctg tagtctatca actatctcca     480

ccaattcaac agattatagg ctggtgga                                        508
```

<210> 951

<211> 424

<212> DNA

<213> homo sapiens

<400> 951

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tgaaagcctt gcacactcac ctccaccttc acaggccatt tgcacacgct cctgcaccct      60

ctccccgtcc ataccgctcc gctcagctga ctctcatgtt ctctcgtctc acatttgcac     120

tctctccttc ccacattctg tgctcagctc actcagtggt cagcgtttcc tgcacacttt     180

acctctcatg tgcgtttccc ggcctgatgt tgtggtggtg tgcggcgtgc tcactctctc     240

cctcatgaac acccacccac ctcgtttccg cagcccctgc gtgctgtcca gaggtgggtg     300

ggaggtgagc tggggggctcc ttggggccct catcggtcaa tggtctcgtc ccaatccaca     360

ccatttgttt ctctgtcttc cccatcctaa ctccaaagga tgccggcatc aaccctgaag     420

ggct                                                                    424


<210>  952

<211>  504

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (128)..(177)

<223>  n=unknown


<220>

<221>  misc_feature

<222>  (304)..(304)

<223>  n=unknown


<400>  952
gtaattcaag atgatcacca caagaagaag aaagagataa tacaaaaata tatatcacag      60

cctaggagcc agggaagaag ggaaggagga aggtggaaaa accagtgaga aggagggaag     120

aacctgangn gggggaaagg gcagggaagc aaaaggnagg agagtggaag nnaggnngga     180

ggaaaggagg ggacaggagg gagtccggga agggaagggt agacttggag gcagagctcc     240

cgatggcctt gaaccagctg actccggtcc ctggcagcct aggtggagtt agggaggccc     300

aaanggaggc tgggaaggga ggactggctc aggggggctct gaagtccaga gaatggcaca     360

cacacagaca gccaggacag acaagacaaa agggactgta ggagaaaggg aagggcaaat     420
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gggagtccct ttctcatgta gtgcagcagg cgactcccca aaacccatct gtcagaaaac   480

agattttagc agtgggcttg gggt   504

<210>   953

<211>   482

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (15)..(479)

<223>   n=unknown

<400>   953
cagcggcggg cgatnggacc caggcngccc cgccgtaccc gcctgcntcc cgcgctcccg   60

ccccagcatg acagccccgg cgggtccgcg cngctcanag accgagcggc ttctgacccc   120

caaccccggg tatggnacc angcggggca ttcaccggcc cctccgacac ccccaganna   180

ggaagacctt cgccgtngtc tcaaatannt nttcatgagt ccctgcgaca agtttcgagc   240

caagggccgn aagccctgcn agctgatgct gcaagtggtn aagntcctgg tggtcacggn   300

gcagctcatc ctgnttgggc tcagtaatca gctggctgtn acattccggg aagagncacc   360

atcgccttcc gacacctctt cctgctgggc tactcggacg gagcggatga cncnttcgca   420

gcctacacgc gggagcagct gtaccaggcc atcttccatg ctgtggacca gtanctggng   480

tt   482

<210>   954

<211>   385

<212>   DNA

<213>   homo sapiens

<400>   954
taactcagta cactaagagt gatttacatg cctgcaaata atttgtgtct ggggtcttga   60

ccctccccaa atgccttgtt atttatatct ctgcttttag ataacagatg gtcatgtgtc   120

683

```
tatgggcttg taccggcaga ggcaacagca ggtccttaag actccccagg tgccatgatg      180

aaaagaacct tagaaaatat tgaaataatc tcaaaactta aaaaaaaaaa taccagaaat      240

aaaagctagt aaaggtgaga ggtgtggggc ttttggaaca tagagcataa taaatcagaa      300

taaaaagtaa aaataagaaa gagaaaaaag tggccctgat taaattataa aattaagcat      360

atcttggaat tctaacgagc caaac                                             385
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<210> 955

<211> 227

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (9)..(224)

<223> n=unknown

<400> 955
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gaagaaagnt aactcaggac actaagagtg atntacatgc ctgnaaagaa tttgtgtcng       60

gggtcttnan ccnccccaaa tgccttgnta nntatatctc tgcttnnnga taacngntgg      120

gcatgngtct atgggcttgt ancggcagag gcnacagcag gtccttaagn ctccccaggn      180

gccatgatga aaagaacctt agaaaatatt ggaataanct caanact                   227
```

<210> 956

<211> 508

<212> DNA

<213> homo sapiens

<400> 956
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gggaggacag ctgaatcata ggttaaatgt atcatcatct ttctcatact catcactggg       60

agaacaaggt ttcctgtcat ccttccaatt agctgtttaa ctcatttgca taagaatcat      120

tcctgaaact tgacctattg ccatcaaatt tgtgtagatt gaaatccatt tttccagctt      180

ctggctttca gggcctgagt tttatttgcc aagttagctc ctgcatttag tgaagaggtt      240

attttctttt aaagtcacca gaggcataaa aaagccatag cgattcttgc agggagggtg      300
```

684

```
ccacttcggg ggaatagctg ggttgtgtaa ggttggaagc cctaaagagc cggtagccta     360

aggtcttcaa agatttctga gctgctcttg attcgtgtgt atgtttagtg aaagtttgtt     420

ttcagtgcct gtagctgata ccactgactc tgtgagtaag agtaagctct ctggatctca     480

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<210>  957

<211>  274

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (42)..(262)

<223>  n=unknown


<400>  957
atggaagtac ttcttactga tgattacatt ttttaaaatc angcctgcca gcccatctaa      60

gccaaattca aacaccactc tgcattaaat nnanctgcag caggaaagct gagcacatag     120

cacccaactg atcggaaaga aacgtaccan gtttaatana attccagatt cctgtggtcg     180

ttgnccataa aaatgctttn cagtgttgga tatatggttt tgcaaaagca agcaaatcct     240

ccacagttcc gtatctgact gntgaacaac catg                                274


<210>  958

<211>  488

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (438)..(438)

<223>  n=unknown
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<400> 958
cagcaatgcg ttcccctgtg tttatcttca ggagacacct ggagcacagt ttggggtgga   60

gatgtgtgtg tgggcgggtg taggaggtga gtgacctttt attgaactat gatgaagggc   120

cagtcactgt actaaaccct ttccacattt tccttcactt agtcttcacg atagcctcat   180

gaggtaggaa cggggggtcac ctcccatttt acagacagag gcttggagag accacatgac   240

ttgcccacat tgtccaccta aaatgcccag gatccaggct tcccaaccca ctgctgagac   300

ttacactgtc tccgggcaca tgggtgaggt ggtggggctg aaaaggaaac ccagcacttg   360

aaagtctgtg ggcacaaatc ccgtgcagtc ccaccggcaa gcctgagccc agccaggaga   420

tgctcccact gtgagcgncc gaacatctgt gcagtcaggt ttgcatctag gaggacggca   480

cacagcgt   488

<210> 959

<211> 489

<212> DNA

<213> homo sapiens

<400> 959
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agaatattct ggaccactga atgcacttct aatagagctt taatctaaag aagttagttc   120

agtggttatt aactgatttt attacaggag aaaaaaactt taacaaaaag gcagggagaa   180

aagtgtgaag ggcatcaagc aaaatgacag gggcttcaaa aaacaaccaa agacaaaacc   240

ctatcttctg aagaccaaag gtccaacttt acttactggc tggcacagct ttctgaactc   300

cttgagttta gaatagagct cctagaataa taaggcggcc aaatttaaag atcagtcaat   360

acagtaggga cctgctattg atctctcagg cactgagtct tcacatccag tgtcaagccc   420

agcccagcat atggggtgat atgagcagaa aacacacatc ggtgtgtctt gatttctcgc   480

agctgtgta   489

<210> 960

<211> 245

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (89)..(216)

<223> n=unknown

<400> 960
cggggcgtgg cgggcggccc tccgtgccca tgattcaggg gcacagctgc cccagcagac   60

acacactttc atacgcactc acaccccanc cccaganaca cccccaggtc tctggaactg   120

gcccagggtc ctgctgctct cananccgca ggacanggct caagggctac cctcaccccc   180

anccggcttc ctagcgngct ggntgcccan ggcccntctt ggacttcttg gtccctcagg   240

gggga   245

<210> 961

<211> 439

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (384)..(384)

<223> n=unknown

<400> 961
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gcgtccgcta ggctgtctgc ctcggtacct gttactgctg ctacttcctc gtttgacacc   120

ttcctggaat ctctcttgat ttttgaggaa atacctagta acaaacatga ctgagttctg   180

gcttatatct gctcctgggg agaaaacctg tcagcaaaca tgggagaaat tgcatgcggc   240

aacttcaaag aacaataatc ttgctgtcac ttccaagttc aatattcctg acttaaaggt   300

tggcacgttg gatgtcttgg ttggcttgtc agatgaactg gctaaactgg atgcatttgt   360

agaaggagtg gttaagaaag tagntcaata catggctgat gtattggaag atagcaaaga   420

ccaagttcaa gagaatctg   439

<210> 962

<211> 566

<212> DNA

<213> homo sapiens

<400> 962
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ttagtacaca tttacagacc tgatcaataa aaagaaacta tatatatata ttttttcctt      60

taaaaagaaa atgttgagat acagaccact gtgggagaat tcacctagga aagggggtaa     120

gaagcaagca aaggatacta gagttaaaag tacgaccata ctgcaactta tttctgttag     180

cacacacaaa cacaaggaca ggattgtcgg gggaggagcc cattttcact tgaattccag     240

caagttgcaa tcaatcttgt agtacacata ggggtagtat tcttgttgac tcaggtttaa     300

acctggaata tccataggag catcaataat agctgctgca ctgctgtcta gatgtttata     360

caattcatgt aatacttctc tcagtttctt caaagttttc ttattgggct gaagtagcat     420

tgcttggaag ttcactggca agccatacct taaaacagac tcaacgaaaa cccgtaatgc     480

tttcacgtga atccatgcaa taaatgcttc actaaaattc actttcagcc accgtacaag     540

tggtccaaat tggttttttc ttatca                                          566
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<210> 963

<211> 407

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (218)..(218)

<223> n=unknown

<400> 963
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gaaatgcttt ataggattta gagcctaagt aggagcatgg tgttcttgta atagcaatcc      60

aaatctgtta ttttagttgt aagggagaa attctttaaa agtcttcaaa gaaattagag     120

ataggcatta atttattaaa cagtgataat agaggttatt ggaatctatt ttgggaaact     180

ttaagtcatt tggtattggg aagagagtac ttcaaggnta atttgtataa atttaatttt     240
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688

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gttataagag gctgtactct gtttgcactc tagaattagg aaggttactt tcctgacttt      300

tgtatttctc aggaaaaaaa gaattggaag aaacttaaga ggtctgttaa tgccagtacc      360

taaacgtgac atttaacatg gcatggaagc tatgctttga ataaaca                    407


<210>    964

<211>    469

<212>    DNA

<213>    homo sapiens


<220>

<221>    misc_feature

<222>    (149)..(447)

<223>    n=unknown


<400>    964
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caaacatttt aaagccaact cttctatata atcagtttga tgatctgaat tagaaaatac     120

ccctggataa tcatgttctt gatacacann nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnctt      360

gatgcacatt tcttataggt acattgggga attgcttcct aaccacaata aacactggtg     420

tacagggttt taaaaatngt ccctggntac acattaattt tttgaagtc               469


<210>    965

<211>    464

<212>    DNA

<213>    homo sapiens


<220>

<221>    misc_feature
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<222> (6)..(10)

<223> n=unknown

<400> 965
atcgcnancn gccgcccttt tttcccttag agatactatt tactatctcc tatcctgata   60

ggtggaaggt ttactgaatt ggaaattggt tgactattag tttttaacta aaatgtgcaa   120

taacacattg cagtttcctc aaactagttt cctatgatca ttaaactcat tctcagggtt   180

aagaaaggaa tgtaaatttc tgcctcaatt tgtacttcat caataagttt ttgaagagtg   240

cagattttta gtcaggtctt aaaaataaac tcacaaatct ggatgcattt ctaaattctg   300

caaatgtttc ctggggtgac ttaacaagga ataatcccac aatataccta gctacctaat   360

acatggagct ggggctcaac ccactgtttt taaggatttg cgcttacttg tggctgagga   420

aaaataagta gttcgaggaa gtagtttta aatgtgagct tata   464

<210> 966

<211> 455

<212> DNA

<213> homo sapiens

<400> 966
ataattacag atttgatgag gaatctgcaa ataataaaga atgtgtctac tgccagcaaa   60

atacaattat tccatgccct ctcaacatac aaatatagag ttcttcacac cagatggctc   120

tggtgtaaca aagccatttt agatgtttaa ttgtgcttct acaaaacctt cagagcatga   180

ggtagtttct tttacctacg atattttcca catttccatt attacacttt tagtgagcta   240

aaatcctttt aacatagcct gcggatgatc tttcacaaaa gccaagcctc atttacaaag   300

ggtttatttc tttctactca attttctta aaaagaattt caagaatcac tacacagcta   360

agatatctga gacttgcaat ggctggagtc tatcagtaca atagtaattg caatcagatt   420

cagatacaag agaacaggtt ctaacaattt cataa   455

<210> 967

<211> 557

<212> DNA

<213> homo sapiens

<400> 967
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tgactgtgtc ttaatgatct ctgtattctt agtgacatgt agaatcattg tgcctgacac      60

atagtatgta ctcaggaaag aaatggaaaa tgtggtttta gcattgaagg ccgggagaga     120

gggtctaaca gactacaagc cctgccagga gcagagtaag ggaaacagag gagaaaagtg     180

tttttagtct gtgcctgaat gtatttacat ctgtttgtag cccaaaagcc aaaagcgtac     240

atacgcttgg cttttctgta gctatgttta tggctttaca gcagatttta tggagctgca     300

attactttga tcatgaggga ctgatgctag tggatttact tcaccaaatg gaactcactt     360

tgtggcttct gaagaaggga cctttgtgga ctgtcatgga gtagttaaga gtgcaggctc     420

tgatttagtg atcagagtct gcattgtcag gaatgggaca aagtgaagtt atgtggcatt     480

gataggatgc cctgagaagt tgcaacatca cccctggtga taattcctgc tgaagatcca     540

taanctggga tgtaatc                                                    557
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<400> 968
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ctctgcagcc actgaggcct gtttctgtgg ccagagacac cgggcatcaa tgttgacaga      60

aggcctagcc tggctcctcc tagctttaat acctcctcag tgtagggact gctattccta     120

tctcagatga agacgctcaa gctcaggtgg caggagtgat ttgtccagtg ccacccagtg     180

aatcagctag agctgagatt caaagctagg ttcgtctgcc tcatttgggc aacggctgct     240

gcctctacag gccagtggaa ggagtgtgcg atctcaggc attctttctt cagtcagagc      300

attcattcct caagccattc acacatttag gcctcatgct tttttctgtc tttcatcaca     360

tccatttcct acactcattg agaggtaatc tagcattgtg gtttaagggg gtatgtgggt     420

ggttaatgaa gtctggctta gaatcccagc tctagatgaa aatgtattga cttggagagc     480
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aaagagagct g   491

<210> 969

<211> 189

<212> DNA

<213> homo sapiens

<400> 969
ttcttaaaaa caatgcctcc actccaaata aatcacagtc aaaataaatg aagagctcaa   60

gatgacatca gtcccatttg tcttaagtcc tggtgttgtg tggatgacaa gcagaagcca   120

gttatgatga caggtgatag atccaaaata attgccacat ttgttaacat ttttccattt   180

ctactcgag   189

<210> 970

<211> 58

<212> DNA

<213> homo sapiens

<400> 970
gaagctgtca gatggcaggc gaggtgttcc gagggacttg agcataatcg tgcaagac   58

<210> 971

<211> 510

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (334)..(489)

<223> n=unknown

<400> 971
gaaagattta aaaaattatt cctactaatt tatgtcctcc ggcttcccct tggttacctc   60

tgtggggtaa actgaatctg tatccccatt taacaggtgc aaggagattt cctgggggct   120

692

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gcacacactg tgtgcagcat attgcaggct ttcactcatt taatatctac aaagtcctca      180

ataagtatat gaattactta tgatttccct gttttttctt cctataagga agctgaggca      240

caagttaatc aaagtctctt ggcctagggt gacacagcta agatttgtac ctagagattt      300

ctgagtgttg acttctctcc tgcccccacc tatnnnnnnn nnnnnnnnnn nnnnnnnnnn      360

nnnnnnnnnn nnnngaacat accagggatt catggcttgc ccaatgttgn ctcnggagan      420

gagaggagag ggatgagata agctcctccc acccggctga ctcgctgtgt gtctcttttc      480

tcaccccang gctggccatg tcccctttcg                                      510


<210>   972

<211>   469

<212>   DNA

<213>   homo sapiens


<400>   972
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taggaaaaga gtttgttggg aaccctgggt tatcggcctc gtcatcttca tatccctgat      120

tgtcctggca gtgtgcattg gactcactgt tcattatgtg agatataatc aaaagaagac      180

ctacaattac tatagcacat tgtcatttac aactgacaaa ctatatgctg agtttggcag      240

agaggcttct aacaatttta cagaaatgag ccagagactt gaatcaatgg tgaaaaatgc      300

attttataaa tctccattaa gggaagaatt tgtcaagtct caggttatca agttcagtca      360

acagaagcat ggagtgttgg ctccatatgc tggtgatttg tagattcact ctactgagga      420

tcctgaaact gtagataaaa ttgttcaact tgttttacat gaaaagctg                 469


<210>   973

<211>   592

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (215)..(346)

<223>   n=unknown
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<400> 973
acaatgttaa ataaatattt gctttaattt gcttagaaca agtacattgc atgaagtttg   60

tataattatt ataggtcaca aaaaaacaga atcttcttca catttatcat agtagttgtt   120

tggaaatgaa aataaggata tatcttggct tctttctgga cttccttaac ttagttccca   180

tacttcctaa atgatgaagt gattggtatt ctgcngtctt tgcttgacct ttcataatga   240

atatgancat ttctaanatt ccactaagaa aaacaccnaa nacgtttctg tgccaataaa   300

atgtagggga ttttttttct tcttagattt tctttcactc cttgtnctgc accttgaaaa   360

tggatatttg ctgaaatgag aggagctgag gaactgaaga aaaggagtgc ttcaaattgt   420

atatatgcat tacaaattta tgtcaacaag tcaaaattct gacaaaactt ctagagaaca   480

aatgaataca ggctgtaatg taatattgta ttatctattt ctctatgtac ataaagtttc   540

aactattgct cacagatgac agagttgatc tggcagaagc aggatgctta cg   592

<210> 974

<211> 317

<212> DNA

<213> homo sapiens

<400> 974
aacactaata aagatatgtt tcctagtaaa ggatgtattt cactcatggt actgtaatga   60

taaatcccat tttcaggtta agactgcatc tggagtattg aaacttggag ccactttcta   120

agagggtaaa taggaggata agaagtcttt aaccatttct attgaggata ggctgctgta   180

attactgtgg aaaagagaag gcttactggg gggctatgag aaggcagaag tagaacattt   240

gttctacttg ggtgatgaat tagaagtgga aaaagatgag aggcaaagac aaagacagct   300

cctagaattg aagcctc   317

<210> 975

<211> 576

<212> DNA

<213> homo sapiens

<220>

694

<221> misc_feature

<222> (206)..(334)

<223> n=unknown

<220>

<221> misc_feature

<222> (472)..(472)

<223> n=unknown

<400> 975

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caaattatcc atcagaaagt tgctcaagag tcttctactc ttttatccca agcaggaatc       120

cttagtccct ggtatggagc cacctctgct aaagtactca cagcgtttgg gaactcactt       180

ctttgcacgg caacttacac catgcntggt gtaagaggcn tcaactctag gagctgtcct       240

tgnctttgcc tctcaccntt tttccacntc taactcaaca cccaagcaga acaaacgttc       300

tacgtccgcc ctcncanagc cccccagnaa gccntcactt ttccacagca attacagcag       360

cctatcctca atagaaatgg ttaaagactt cttatcctcc tatttaccct cttagaaagt       420

ggctccaagt ttcaatactc cagatgcagt cttaacctga aaatgggatt tntcattaca       480

gtaccatgag tgaaatacat cctttactag gaaacatatc tttattagtg ttctcgagcc       540

ggaatttccg agcttacgta acgcgtgcat gcgacg                                 576
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<210> 976

<211> 324

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (144)..(295)

<223> n=unknown

<400> 976

gcttgagcgg aagttagaag caaaaatgat caaggaggaa agcgactacc acgacctgga   60

gtcggtggtt cagcaggtgg agcagaactg gagctgatga ccgtatgggt ttcttctctg   120

aatcggacga gctgggtggg gcangagcgc tcctgagaaa ntgctgttgt cctcagcagc   180

cggtgcagcc tgcccttggg agcggggnca tgtggctctc tgggactggt gttctttgac   240

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ggccagagca cagacactgc acga   324

<210> 977

<211> 469

<212> DNA

<213> homo sapiens

<400> 977
ggtactaaga ataacacaga tcctattatt ctcaacctct aaattcagta catagtaaaa   60

ttcattttct caaactaagg ttctatacat aatcggagta aaccctctgt tactgagtta   120

ggatagggaa aacaaattcc ttagagttca tgaaaccact tcacaaatcc tagaaggcac   180

acattatatt tcctatcata gtaagtacat ttaagtactt catatttaaa aaagacaaag   240

ctgtacagaa tacaaaaagt gtacatttca tccattaaac aaatttacaa cttttacgat   300

tagttattac agtagaactg acctaacatt cacatctaaa taattatcac ccagttcaat   360

agagcgaaca aagagctgtg ctcatttatt tatttgataa ggctaataac attttatatt   420

cacagtagat cagtaagtgt cttgggagct catattgtaa aataaaaag   469

<210> 978

<211> 509

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (386)..(386)

<223> n=unknown

696

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<400> 978
ctccaagccg gaggggtcct gaggtgacag cgcctgcaac tgaaatttca gcagcgggag   60

aagatggaca agagaaagct cgggcgacgg ccatcttcat ccgaaatcat cacagaagga   120

aaaaggaaaa agtcatcttc tgatttatcg gagataagaa agatgttaaa tgcaaaacca   180

gaggatgtcc atgttcaatc accactgtcc aaattcagaa gctcagaacg ctggactctc   240

cctttgcagt gggaaagaag cctaaggaat aaagtcatct ctctagacca taaaaataaa   300

aaacatatcc gagggtgtcc tgttacttcc aagtcatcac cagaaaggca actcaaagtt   360

atgttgacga atgtcctatg gacggnttta ggacgaaaat tcagaaagac cctacctaga   420

aacgatgcta atttatgtga tgccaacaag gtgcaatcag actcattggc ttcgacatct   480

gttgacagct aggagacatg tcaaaatta   509

<210>   979

<211>   539

<212>   DNA

<213>   homo sapiens

<400>   979
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tattaataca ataagaaaaa attcaaattc caacagtttt ctaaggttca caaaccttca   120

ggctgagtat cagatattaa aagagaaatg ccatcatcct ttcttcgttt ttctttattg   180

tgcgcagtct gctttgcaga attgtcatct actgtcttac ttcgttgtga gcccctttca   240

gataaataac agctcttgtg agggtttaga ttttgataag attctaggct gccatcagat   300

gatgaagaaa gttgctctga ttgcaagttg tctgtatcac tcaaacttcc ctcagttaca   360

ggtggggtcc ttatgtattt tcttcctaac tccgttccca ggacattcgt caatataact   420

ctgggatcct ttcagataaa ttaaggcttt ggcgaagagg ttctaatttt tgacatgtct   480

ctaggctgtc aacagatgtc gaaggcaatg agtctgattg caccttgttg gcatcacat   539

<210>   980

<211>   519

<212>   DNA

<213>   homo sapiens

<220>

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<222>   (303)..(303)

<223>   n=unknown

<220>

<221>   misc_feature

<222>   (458)..(490)

<223>   n=unknown

<400>   980
aataaatatg caacagacag tgatctatca agctagccag gctcttaact gctgtgttga   60

tgaagaacat ggaaaagggt ccctagaaga agctgaagca gaaagacttc ttctaattgc   120

aactgggaag agaacacttt tgattgatga attgaataaa ttgaagaacg aaggacctca   180

gaggaagaat aaggctagtc cccaaagtga atttatgcca tccaaaggat cagttacttt   240

gtcagaaatc cgcttgcctc taaaagcaga ttttgtctgc agtacggttc agaaaccaga   300

tgnagcaaat tactattact taattatact aaaagcagga gctgaaaata tggtagccac   360

accattagca agtacttcaa actctcttaa cggtgatgct ctgacattca ctactacatt   420

tactctgcaa gatgtatcca atgactttga aataaatntt gaagttacag cttggtgcaa   480

aagaaagatn cctcagggct tgataaggag gaaaaaact   519

<210>   981

<211>   489

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (261)..(440)

<223>   n=unknown

<400>   981

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aaatatattt ttataatatg cacaagaaaa aatacatttg aatgaataaa aaataaaatg        60

acaggaggtg acagaattta gtgtttataa atgaggtcat aaagaacttt aataattcag       120

agaagaagtt caaagtgtat ttaaaagttg agaccctgct ttacaatatt ttataatttt       180

aaaaaaaggc gtttaaaggt gataggtgac ttaataattt tccactttca aaatgggttt       240

ctagacactg ttgttcatga nccnnnnnnn nnnnnnnnnn nnnnnnncaa caaaacccna       300

acactttggc aagcaaagta ttattagtac atagcagctt cataacngtt tacttttna       360

atataaagat ttttcaattt acacttgtcg gngtagaaaa aactnatatg ctaagtctgt       420

aagctacgca gccnaaatan tgatcttaat gaagccagaa ttctgtgaaa atgtgcacca       480

cactgcata                                                                489


<210>   982

<211>   516

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (203)..(349)

<223>   n=unknown


<400>   982
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tgagttcaag gctgcctttg acatgtttga tgctgatggt ggtggggaca tcagcgtcaa       120

ggagttgggc acggtgatga ggatgctggg ccagacaccc accaaggagg agctggacgc       180

catcatcgag gaggtggatg agnacggcag cggcaccatc gacttcgagg agttcttggt       240

catgatggtg cgccagatga aagaggacgc gaaagggaag agcgaggagg agctggccna       300

gtgcttccgc atcttcgaca ggaatgcaga cggctacatc gacccggang agctggctga       360

gattttcagg gcctccgggg agcacgtgac tgacgaggag atcgaatctc tgatgaaaga       420

cggcgacaag aacaacgacg gccgcattga cttcgacgag ttcctgaaga tgatggaagg       480

cgtgcagtaa ggagtggaca gtcgctctac caagtc                                 516


<210>   983


                                   699
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<211> 488

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (72)..(161)

<223> n=unknown

<220>

<221> misc_feature

<222> (297)..(424)

<223> n=unknown

<400> 983
gggccgcgcc tccctggtgg ggacccggca gggcggagtc tcccacaccc tagggacacg   60

cgatcttggt anaggcgact gtccactcct tactgcacgc cctccatcat cttcaggaac   120

tcgtcgaagt caatgcggcc gtcgttgttc ttgtcgccgt ntttcatcag agattcgatc   180

tcctcgtcag tcacgtgctc cccggaggcc ctgaaaatct cagccagctc ctccgggtcg   240

atgtagccgt ctgcattcct gtcgaagatg cggaacactc ggccagctcc tcctcgntct   300

tccctttcgc gtcctctttc atctggcgca ccatcatgac caagaactcc tcgaagtcga   360

tggtgccgct gccgtcntca tccanctcct cgatgatggc gtccagtcct ccttggtggg   420

tgtntggcca gcatctcatc acgtgcccaa ctcttgacgc tgatgtccca caacatcagc   480

atcaaaca   488

<210> 984

<211> 515

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (46)..(46)

<223> n=unknown

<220>

<221> misc_feature

<222> (239)..(239)

<223> n=unknown

<220>

<221> misc_feature

<222> (470)..(495)

<223> n=unknown

<400> 984
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aagcaaaatg cacacatcat ataaaaataa attgcaatga tcagaccaag tggctgtgct   180

ggacatcaaa gaaaagacat gctgttgcca tcaggagaac tctttcttat atgcgatanc   240

aagatatctt ctttaatatg aaaaaagtta atttctgaat ttcaaaaaga gtaagattag   300

ctaattggtc ttcctaattt ttatgccttt agagtttta gtctattcaa gtagaagagt    360

ccagcgaggc caaagaaggg ttacggtgtt caagttctgg ttgttggagt ttttagccca   420

gagtgacata ctgaaatcag taaataatta ttttataatg acacagcacn actgccttgt   480

tatgnatttt cttanatgca tatatactgt attta                             515
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<210> 985

<211> 100

<212> DNA

<213> homo sapiens

<400> 985
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ttacatatta aataacacta caatagaatg atatgacata gtttaaacag gagtgaaacg    60
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701

gataaatttc aggttacata acccctcccc ctgaacaaat   100

<210> 986

<211> 493

<212> DNA

<213> homo sapiens

<400> 986
aacatcatga gtcactcctg tccagtcagg gacccagggt tgggtagggt gacgacaggt   60

tacttggagc ccaaaatgat aagggaggct ttcttatagg gctcagaaat tcactcgaga   120

tagttctcaa agaaaagggc ctagagtgtt ttacatcctg tttgcatatt cattttttct   180

ttatcttgat atttactgtc tggaatatcc attttttact cttccccatc cttgtgcctt   240

ttctcatatt gattattcct cctgaaatgc ctcccatccc tccccattct ttgtatctct   300

gctgatagaa atcttagcca gcccctaagg cccagctgag atggcaggtc ccttacacct   360

tcgtgtgccc tgcaagattg gagcacagcg actcattgtg gctgagtgaa tggatgctgg   420

tgctggaatg ctacctgcat agtatgaata cattttccca ttttaaaaat aagcagtatt   480

cactctagaa aaa   493

<210> 987

<211> 501

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (446)..(446)

<223> n=unknown

<400> 987
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actgcttatt tttaaaatgg gaaaatgtat tcatactatg caggtagcat tccagcacca   120

gcatccattc actcagccac aatgagtcgc tgtgctccaa tcttgcaggg cacacgaagg   180

tgtaagggac ctgccatctc agctgggcct taggggctgg ctaagatttc tatcagcaga   240

702

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gatacaaaga atggggaggg atgggaggca tttcaggagg aataatcaat atgagaaaag     300

gcacaaggat ggggaagagt aaaaaatgga tattccagac agtaaatatc aagataaaga     360

aaaaatgaat atgcaaacag gatgtaaaac actctaggcc cttttctttg agaactatct     420

cgagtgaatt tctgagccct ataagnaagc ctcccttatc attttgggct ccaagtaacc     480

tgtcgtcacc ctacccaacc c                                              501


<210>  988

<211>  448

<212>  DNA

<213>  homo sapiens


<400>  988
ttccctcaca aaaaggaac caaaacaacg aataagttta ttttgtctgg agtgactgag      60

gaaatgccct ggagagtacc aagagaacag caaagtccct gtggagcaga gagtcaagaa     120

tagctccaca gggaggagac caaagtatcc tgcctctgcc atactgtctc ccctgcgagg     180

attgaatcaa agccaggg99 ttcctcttct tataggaaga aggtaagcgg agaatcatca     240

gtcctcatca ccaccacagg tgccagcagt cactgctaca agagagttcc ccagtcctca     300

caggtcccaa gtccagcatg aacagttgct gaaagtgcat gtggctacat tcccccacag     360

caggaacctc tttgacaccc tgcacccctg caatccaagc agctaaggga tgacacaact     420

gtgaaaccaa gccccacatc tggagtgc                                       448


<210>  989

<211>  466

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (157)..(437)

<223>  n=unknown


<400>  989
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ttcagaaatg tattattctg catgttctag tctgttactg tggctctcaa ttgtattttt      60

tttaatttca ttcacttaat tcctcaagct ccaagattcc tgttttgttc ctttccataa     120

tatctatctt tgttcaattt ctcactcagc taatganttt attaatttcg ttaaattgtt     180

gtattctctt acaactcaaa agtttcttta atgtcattan tttganttan ttttcatgca     240

tttcataaat atncttttcn ttggattcca tnactaaaga tgcattgngg tgccaggttt     300

gggggtgaca cgtttccttg ctttntcatg attcntctgn ctctatgttg gtacctgtgc     360

angtaatgga naattgcttt ttccaanntt aacgagcagc ttncatagga agaggttgtt     420

tcctgntgnt gggnccnaag gtgctgattt gaaatggcgt gtggtg                    466
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<210> 990

<211> 372

<212> DNA

<213> homo sapiens

<400> 990
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ggaaagaaga attctcataa gtgtaaagaa ttttttcaaa tattgcctct taatgttggg      60

aaggaggttg gaatgcatat atattcctta atagaccaga acccaaggtc atgtcccagt     120

ccactcctct ttttgtgctg tcagaaacat aatatctcat tagttacttt ggaatttcaa     180

ccttctctct tgcacctgtt ccacaatccg aaattctaat aaaagcccca cttctgttac     240

ttctgttaat atttgtggtt attaactttc tgataaacta atatattgct tttgtttat      300

ttactagcac ttactctgct ctagaatttt gcctggggac ctttcctatt attaaccaag     360

gaataccatg tg                                                         372
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<210> 991

<211> 604

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (545)..(545)

<223> n=unknown

704

<400> 991
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ccttatttcc  agggcaaggc  cagcgagaca  gagcccattg  ctcaggacgc  agcccagatt      60

gcaaagagag  gacagcccat  ggtagcggaa  gaaattctgg  cggagagcac  tgtacttggg     120

gtccttctct  cgcagctggc  ggtagggatc  gggaccctgg  tggctgcctg  gtacctcccc     180

acccaggcct  cgctccttct  ccacggtttg  cagggcccac  atggcagctg  tggtgcgggg     240

ttccagccag  cgggcgttga  cagtggccag  cgtaaggctc  aggaacagca  ggtaaagctg     300

gctggcctcc  cagaatgtga  gctgagccca  agcatgctgt  gaagccaaga  tgcagaggtt     360

gatgaaggca  cagcccatgg  agatgtggaa  gtagaagggg  aagagtttgc  tctgcactag     420

tccgaagtat  gtcggggaag  gcttcggaaa  agcaggaagc  ctgagacgaa  ggtcacccac     480

atttgcatgc  cccaggcacc  tgacaagacc  agtagatgga  ccatcttaat  caggctccta     540

ggttnccgct  tcctccatct  tgctcgagcc  gattccgagc  ttacgtaacg  cgtgcatgcg     600

acgt                                                                      604
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<210> 992

<211> 448

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (146)..(146)

<223> n=unknown

<220>

<221> misc_feature

<222> (268)..(298)

<223> n=unknown

<400> 992
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ataattaacc  ttgaagacca  tggtcacttt  agttctataa  gcaagtgcta  agaccaaaga     120
```

```
agtactcaat taaaaatcta actgcngggg agaaaggatg tttacaaaag tagaaagatc      180

caattttcta gaaagcattt ctcttttgat tttaatttttt ggtctgttga ggaaacccac      240

ctctgaaata ccaattatat tttggtgnct aaagcnaaca tattaatgtt cnattaanta      300

ctgataccaa atatttatgt tcagttttct aaggttgctt taaaaaaaaa aaacagcact      360

attttcctgc ttcccaatta ttgacattgc aagaagcaaa tgttacctct aatagcgtgg      420

tccaaaataa tgtctattta cattctca                                         448


<210>  993

<211>  396

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (8)..(395)

<223>  n=unknown


<400>  993
atacgcanan gctgcaanta agtcttccct tcactaataa acatagatgc cattgctctt      60

gannnactcc tgagagtgtn anagccttca actgaataac cttgacaaag tgctctgaga      120

atgnaaatag acnttatttt ggaccacgct attagaggga acatttnctt cttgcaatgt      180

caataattgg gaagcaggac aatagngctg tttttttttt ttaaagcnac cttagaaaac      240

ngaacanaaa tatttggtat cagtnattaa ntgaacatta anntgnntgc nntanncacc      300

nnaatntaat tggtanttca gaggtaggtt tcctcaacag ancaagaatt aaaatcagaa      360

gagaaatgct ttctaganga ttggngcttt ctacnt                                396


<210>  994

<211>  409

<212>  DNA

<213>  homo sapiens


<400>  994
gagccccacg tgaggcttgg taggactgcg gacgtatttg ttttcttcaa gcatttggtc      60
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706

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gagattaaga attaaaaatg tcatccaaac aagaaataat gagtgaccag cggtttagac    120

gggttgcaaa ggacccgaga ttttgggaaa tgccagaaaa ggatcgaaaa gtcaaaattg    180

acaagagatt tcgagccatg tttcatgaca agaagttcaa gttgaactat gccgtggata    240

aaagagggcg ccccattagc catagcacta cagaggattt gaagcgtttt tacgaccttt    300

cagattctga ttccaatctc tctggtgaag atagcaaagc attgagtcaa aagaaaataa    360

agaagaaaaa aacccagact aaaaaagaaa tcgattcaaa aaatctagt               409


<210>  995

<211>  510

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (361)..(507)

<223>  n=unknown


<400>  995
tgaatctatc ttaaatttac atgaggtttt cattttttta attcctatag aattatctaa     60

atcagtttta ttttcagaac ccttgtgatt agccttcttg gtttctttct ttttctcaac    120

tagatttttt gaatcgattt cttttttagt ctgggttttt ttcttcttta ttttcttttg    180

actcaatgct ttgctatctt caccagagag attggaatca gaatctgaaa ggtcgtaaaa    240

acgcttcaaa tcctctgtag tgctatggct aatggggcgc cctctttat ccacggcata     300

gttcaacttg aacttcttgt catgaaacat ggctcgaaat ctcttgtcaa ttttgacttt    360

ncgatccttt tctggcattt cccaaaatct cgggtccttt gcaacccgtc taaaccgctg    420

gtcactcant anttcntntt tgggatgaca tttttaaatt cttaatctcg accaaaaggc    480

ttggagaaaa acaaatacgn ccgcagncct                                     510


<210>  996

<211>  475

<212>  DNA
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<213> homo sapiens

<220>

<221> misc_feature

<222> (18)..(18)

<223> n=unknown

                            (

<220>

<221> misc_feature

<222> (429)..(429)

<223> n=unknown

<400> 996
gtgctcagca cggtagtnta caaaaggact acatttcccc aaatgcccgc aaagccttgt   60

gcacgccttc cggaaggagt ttgttacacg aggtctgaga gacagaggca gcgtgtttga   120

gctgctggtg cggtggtcag cgcgatgccc aaggccaagg gcaaaacccg gaggcagaag   180

tttggttaca gtgtcaaccg aaagcgtctg aaccggaatg ctcgacggaa ggcagcgccg   240

cggatcgaat gctcccacat ccgacatgcc tgggaccacg ctaaatcggt acggcagaac   300

ctggccgaga tggggttggc tgtggacccc aacagggcgg tgccctccgt aagagaaagg   360

tgaaggccat ggaggtggac atagaggaga ggctaaagag cttgtacgga agccctatgt   420

gctgaatgnc ctggaggcag aagccagctt ccagaaaaga aaggaatact ctgtc   475

<210> 997

<211> 349

<212> DNA

<213> homo sapiens

<400> 997
tatttacatc acccaccctg aaaacagcag gttctggctt ttccgtgaac ccccagatga   60

atataaattg gagcctctga gaacagttcc ttccccagag cggggagtgt gcacgtgtgt   120

gtgtaacctt ctgattccat gggacctggc cagctcctct ggagccacac agcacctcct   180

tgccttacac cctgggctcc agcttcactg gtccggggga cgcctcagcc tggggcagct   240

708

```
gtgatgtaaa ccagtcactc cacctccatc ttcctcttct gcaaagaatc gaggaagtct      300

tgccactctt atagtcctcc ccgtgggttc tctaccatgt agcgtacat                   349
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<210> 998

<211> 503

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (64)..(64)

<223> n=unknown

<220>

<221> misc_feature

<222> (243)..(243)

<223> n=unknown

<400> 998
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ggtgcgccga gatcgcctcc gcaggatgag ggagtggtgg gtccaggtgg ggctgctggc       60

cgtncccctg cttgctgcgt acctgcacat cccaccccct cagctctccc ctgcccttca      120

ctcatggaag tcttcaggca agttttttcac ttacaaggga ctgcgtatct tctaccaaga      180

ctctgtgggt gtggttggaa gtccagagat agttgtgctt ttacacggtt ttccaacatc      240

canctacgac tggtacaaga tttgggaagg tctgaccttg aggtttcatc gggtgattgc      300

ccttgatttc ttaggctttg gcttcagtga caaaccgaga ccacatcact attccatatt      360

tgagcaggcc agcatcgtgg aagcgctttt gcggcatctg gggctccaga accgcaggat      420

caaccttctt tctcatgact atggagatat tgttgctcag gagcttctct acaggtacaa      480

gcagaatcga tctggtcggc tta                                               503
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<210> 999

<211> 481

<212> DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (440)..(440)

<223>   n=unknown

<400>   999
ttccagtttc aaagttgtta tacttgaagt tgctaattta aaaaaacgaa ttttaaataa   60

tcacttaata atcctgcttt gactaagaca atgaaatgtg gctttaaaaa aaaagtattc   120

agcaccattt gctcataggt ctttcagagt ttgttcttaa agtttctgga actttcctgt   180

ctgtaaagta acaggaatta ctgagctaca ttggaaagcc tctctgggac aggcagtggg   240

gagttaagca gtcatcataa aggaatcagt gtacattcag catggtgact tgactacaca   300

acaatccctt cccctctact gtagctcaag agagacatgc ttctaaccac tgaggtatga   360

ggagtctcag actgttattt gctgttagaa ttggtcttcc ccagctaata acagtacatc   420

tctgggcaca gatgctattn ggccttaatg tcctgtgatt ttagggaata gttgggatta   480

g   481

<210>   1000

<211>   499

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (381)..(486)

<223>   n=unknown

<400>   1000
gtgctgacaa catcgcccac ctgaaggacc ccctggaaga tgggcccccct gaggaggcag   60

cccgggcact gagcggcagt gccacactcg tctccagccc caagtatggc agcgatgatg   120

agtgctccag cgccaggcca gtcagccggg gcaggcagca actctggggc tgggcctggt   180

ggggcgctgg ggagccctaa gtccaatgca ctgtatggtg ctcctggaaa cctggatgct 240

ctgctggaag agctacggga gatcaaggag ggacagtctc acctggagga ctccatggaa 300

gacctgaaga ctcagctgca gagggactac acctacatga cccagtgcct gcaggaggag 360

cgctacaggt acgagcggct ngaggagcag ctcaacgact gactgagctt catcagaacg 420

agatgacgaa cctgaagcag gagctggcca gcatgganga aaggtggct accagtccta 480

tgaganggca cgggacatc 499

<210> 1001

<211> 551

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (11)..(11)

<223> n=unknown

<220>

<221> misc_feature

<222> (382)..(411)

<223> n=unknown

<400> 1001
ggcaggcact ntttccctgc tctaggggat tcctctctcc ttttccaaga aatcccctct 60

cttcttagaa gtgcccatgg gaggctggga tgtgaaaaga aaccatacac aacactccag 120

agccttaaaa aaataaagca acaacctcct ccacacgaat acacttacaa aataaataga 180

cggataaaag agaggccacg tgcctcccat cccggctgta gggctgcttg gggatagtgg 240

ggctgggtgg ctcggtccca cttctcccag ccaggatgat ccaaaggcta aatggaatgg 300

aagggccctg gcttcagaga gaggatgggg caggacctct cctggtactc agcagggaag 360

acactggggg cacgggtagg gnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nacccaacag 420

cactctcaga ggcctaaggg cttagggtga ggctcagggg ggccctgggg ctgtttccct 480

gaaaataaca gatccagtac aggcagaaag aacagaaggg aaaacacagg ccacacccac 540

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ctggcctgca g                                                            551

<210>   1002

<211>   164

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (41)..(150)

<223>   n=unknown


<400>   1002
ggcgcagaga accccggctg ctcagcgcgc tccgcggtca nggagatccc cgngagcctg        60

tgcaagaaag tcaagcngag caataacgcg cagaactggg gaangccaga gagcaaccag        120

tgtcacctan caagcncatc angtcagcan gaacaagaga agtc                        164


<210>   1003

<211>   457

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (413)..(413)

<223>   n=unknown


<400>   1003
gagtgcccat cccacccgc ggttgcctct cctcggcacc cttgattggg ttttgcacta         60

aagaggtcag ctgggccaat gatattgctc cagaccgagt cctacccacc ttcccccgga        120

agtgtcccaa gaggctccga aggcctcccc tccgagccca gctctcctgt ctcctccaca        180

gccaggccct gcacgcccac ctcctcggac acaggtgaca gggttaccct ccagtttgag        240
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```
ctcatctgca cgagacacag gtagcttggg gttgaagtta ggactcctcc tgggctggag        300

gatttacctg gtggggcact tccagactgt ttctagcaat atacacacac gttctttcct        360

gtgtcttcac cccaaaactt cagttgattc tgactgggag gatctgggga canggggtct        420

tgggctgctt gtgatacaca gcccccagcc accctgc                                457


<210>   1004

<211>   526

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (175)..(352)

<223>   n=unknown


<220>

<221>   misc_feature

<222>   (454)..(491)

<223>   n=unknown


<400>   1004
ccttgggttt gcaaaaagtc ccacaagtga agaggcagca gtgctcatgt gaacatggag         60

cgctcacccc agcccctcag cacagccagg gggccttggg gtacacaccc tccttccctg        120

gggccgccag cacctcctct gccctatccc ggatggggcc tgggggtctg cccanggtgc        180

gnaantggna tctatgctga aacacctaag tgcccaggag gtgcccccat ggcccaggag        240

tgacacggct cccccagcan ccagagccca ttcctgagcc aganaggtca cggttgnncc        300

aggaagagcc atntgcnang ntggccgcna ancntcactg agnatgtgca gnagtggcag        360

cctctcagac atagaggggg ctccctgggt gacatctcca gagacccct tgtcccccag        420

acaccccttg ggtagactgt gtttgaccct tcanaaatag gaantgngac ctcgggtcgn        480

aaattgctca naattttctg cgtgtctcag atggttgttt tcttaa                      526


<210>   1005
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<211> 223

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (38)..(38)

<223> n=unknown

<400> 1005
atggacctca taaatgcaag gtatgtggga aagccttngt ttatcccagt gtatttcaaa   60

gacatgaaag gactcacact gcagagaaac cctataaatg taaacaatgt ggcaaagcct   120

accgtatttc cagttccctt cgaaggcatg aaacaactca tactggagag aaaccctata   180

aatgcacact tgggaaagcc tttattgatt tctgttcctt tca   223

<210> 1006

<211> 252

<212> DNA

<213> homo sapiens

<400> 1006
aagggcaacc tccttattca tcgacgtact cacactggag agaaacccta tgtatgcaat   60

gaatgtggga aaggcttcag ccagaagaca tgtttaatat cccatcagag atttcacaca   120

ggaaagacac cctttgtatg tactgagtgt ggaaaatcct gctcacacaa gtcaggtctc   180

attaaccacc agagaattca cacaggagag aaaccctata catgcagtga ctgtgggaaa   240

gctttcagag at   252

<210> 1007

<211> 256

<212> DNA

<213> homo sapiens

<400> 1007

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cagcacacag gacccccgga tcagcccct ctttggccat ctggacatgc atagtggcgc      60

ccagtcagga cccatgcacg ggtgagaccc tgccaggcca ggatggaggg gtggggacc     120

ccaggagact caagcctctg aagcctcctg tcctgtcccc ctgcccaccc ccagctttgg    180

cttcgggttg cccacgtcac gggcctacgc ggagtacctc ggtgggtctc tgcagctgca    240

gtccctgcag ggcatt                                                    256


<210>  1008

<211>  276

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (205)..(205)

<223>  n=unknown


<400>  1008
agaagactga aaaaaatcgg tattttctgt atcagtcctc aaagaataaa tatttgtgga      60

cagctcaatc ttgtttgctt tgacaagact ggaactctaa ctgaagatgg tttagatctt     120

tgggggattc aacgagtgga aaatgcacga tttctttcac cagaagaaaa tgtgtgcaat     180

gagatgttgg taaaatccca gtttnttgct tgtatggcta cttgtcattc acttacaaaa     240

attgaaggag tgctctctgg tgatccactt tgatct                               276


<210>  1009

<211>  246

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (74)..(245)

<223>  n=unknown
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715

<400> 1009
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aaaccttaca aatgtaatgt gtgtggcaag gtctttaatt acggtggata cctttcggtt      60
catatgagat gtcntactgg agaganacct ctccattgta ataaatgtgg catggtcttc     120
acttactatt catgcctagc acgtcatcna agaatgcata cnggngagaa accttacaaa     180
tntaatgtgt gtggcaagat cttccttgnc agtgnaacnc ctttnanttc ataggcgnng     240
tcatnc                                                                246
```

<210> 1010

<211> 396

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (20)..(21)

<223> n=unknown

<220>

<221> misc_feature

<222> (272)..(386)

<223> n=unknown

<400> 1010
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gttttatctg atgtttagtg aggctgagcg actaatgtaa gatttgccac actcattaca     120
tttataaggt ttttcactag aatgaattcg ttggtgttta gtgaggcaag accgccgccc     180
aaacgccttg ccacattcca tacatttgta tggcttctct ccagtatggt ttctctgatg     240
gtaaaccaag tttgaccttt cgataaaagc tntaccacat tcattanatt tataaggntt     300
ctctccagta tgcatcatct gatgattaag cagaattgaa cgtactctaa aggctttgcc     360
acactcatta catttgtaag gtttcnctcc agtatg                              396
```


716

<210> 1011

<211> 435

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (131)..(420)

<223> n=unknown

<400> 1011
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gttttctatt gacaaaagtt acttttttga acttggaaca tacgaccctg gccttgatgt    60

ttggggtggg gaaaatatgg agctctcatt caaggtgtgg atgtgtggtg gtgaaattga   120

gatcattccc ngctcccgag tgggccatat attcagaaat gacaatccat attccttccc   180

caaagaccgg atgaagacag tggagcggaa cttngtgcgg gttgccgagg tctngctgga   240

tgagtataag gagctgttct atggccatgg agaccacctc atcgacccaa gggctagatn   300

ttggcaacct canccnngca aagggagctt cgnaaagaaa ctttaagtnc aaaaaatttc   360

aaaatggnnn cttgngagaa nngtntttcc ctgacttaan ggntcccatt ngtnagaccn   420

aagtggtgtc ctttt                                                    435
```

<210> 1012

<211> 353

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (304)..(307)

<223> n=unknown

<400> 1012
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aggaggttta gatggagttc agatcttaat aagcacttca tgacccatca aggaataaaa    60
```

717

```
ccatatagat gctcatggtg tgggaaaagc tttagtcata acacaaatct acacacacac    120

caaagaattc acacaggaga gaagcccttt aaatgtgatg aatgtggaaa aagattcatt    180

cagaactccc accttattaa acaccagaga actcacacag gtgagcagcc ttatacatgt    240

agcttatgca agagaaactt tagtaggcga tcgagccttc ttagacacca gaaactccac    300

agangangg aagcatgtcc tagtgtctcc aaactgagga aagttacctg tag            353


<210>  1013

<211>  605

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (458)..(458)

<223>  n=unknown


<400>  1013
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aagccttggc caacattata aaccaggatc tgacatagat ataaatccat gccttccaac    120

ttcccttgac gtcacattat cttctcttaa gagatagtca ctttggctaa tagggaaaag    180

aaaaccagta acatcagaaa acaatttcca tctggcctgg ctctgactgg catcatcact    240

gtgagccata tgccttactt ttctctgaca cttcaggatg ttccctcctg gtatcagctg    300

tgcaccaaag ctaaaagttc acaggctct ccttgccatt ctcaataaat cagttttgca    360

aaatctccag gccttcttgc agagtattca ggcatatagg gttgtagttg atcagccata    420

aagatggggc tccctttagg tcctgcagca gtatggcnca gtttgaaagc ctccatccag    480

tccacataat gaaagtcaga aaaagaccat ttaccactta tctgtgcttt ctacaaaaaa    540

aaaccagata cctggatgag ggccaagact gcctcctcat catttcacta tatgtctatg    600

tgaca                                                                605


<210>  1014

<211>  441

<212>  DNA
```

718

<213> homo sapiens

<400> 1014
gatgaatcac tgcaacttgt gggacagcca ccaccctgag gtaccccagc gcatcttgcg   60

gatcatgtgc cgtctggagg agctgggcct tgccgggcgc tgcctcaccc tgacaccgcg   120

ccctgccaca gaggctgagc tgctcacctg tcacagtgct gagtacgtgg gtcatctccg   180

ggccacagag aaaatgaaaa cccgggagct gcaccgtgag agttccaact ttgactccat   240

ctatatctgc cccagtacct tcgcctgtgc acagcttgcc actggcgctg cctgccgcct   300

ggtggaggct gtgctctcag gagaggtgtg tcctctgtgg ctgggggaga ggaggactgg   360

ggggaatgga aaaagagagc atctgctgtt tctggaggct ctgagagagt caagcagggc   420

ctgaggaaag gggccatggg g   441

<210>   1015

<211>   130

<212>   DNA

<213>   homo sapiens

<400>   1015
atcaggggaa gcaccaaaca tcctcaactc tgctcaccca tggtttctc ccgccctccc   60

agagctcctc ctgcgtgagt aatgcagtgt gtgctggtgc agtgtctcac tgaaaaaaga   120

aagaaaccct   130

<210>   1016

<211>   99

<212>   DNA

<213>   homo sapiens

<400>   1016
cacacactgc attactcacg caggaggagc tctgggaggg cgggagaaaa ccatgggtga   60

gcagagttga ggatgtttgg tgcttcccct gatctcgag   99

<210>   1017

<211>   481

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (455)..(455)

<223> n=unknown

<400> 1017
tattaagtca gttttatcag gtaaagttga atgaaataat caagtttaag tgcgtcttgg   60

gtatttgcaa agatgtatag attaaggcta aaagggttgg agaaatagat ttgggagtta   120

cctatgattt tttttggtta ttctgctctc aggattgaaa actaaagaat ctcagaactg   180

catttctaat tagtgccata aaattcttta ttgatgccaa gtttttgttt tttccttgta   240

aattgtggta ggtagaattc taaatgacct ccagtagacc cactaccagt atatattgca   300

taatccatgg gactgtgtga ctagggtggc ttatactcct gtgattatgt ttaatatatg   360

gcacagttga cttcgagaag ggaatttatt gtcagtgggc ttgacccatt tgccagagcc   420

cttttaaacc tgtatttaga ggtccagaag ctgangaggt aagagattcg aaagccagga   480

g   481

<210> 1018

<211> 476

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (75)..(267)

<223> n=unknown

<400> 1018
taatcaccaa tgtggtggta tgagaaggtg ggacttttgg gaggtaatca ggttaagggg   60

gtggaactct caggnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   120

720

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   240

nnnnnnnnnn nnnccattgt ttatacncca ctcgatctgt ggtactttgg tacagcagcc   300

ccagtggact aggataacaa gcatcgtcct acaatttcta atttggcttt gaatcactgt   360

tcctataatc tccagcttgc ttctttcctc cagctgctta ttttctccaa ctagcatttc   420

acaattcctt cctacgttcg ttcactgaat acattcaggc tgaaaccaag tatctg   476

<210> 1019

<211> 527

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (472)..(490)

<223> n=unknown

<400> 1019
gttacaggtg gatacttttt catagcacat acccccaaaa acctggggat cctgggttac   60

ataatgagct ccttcttgga ttatttgcaa gagtcttcta agtgggcctt aattcaccct   120

gtacaccact accaaattca tgtgtctgaa gtgattcctg gtatctggga ggcttagact   180

ggaggtctgg tgttaattgc cccactctga aatttcactg ctatatttaa tatttaatca   240

ttttattaaa tatttaatat ttaatctcgt attgtctttt ttacccactt atagcatgta   300

ttttctgaaa ggtgtaactt aatcatgccc ataaaaatgc agtatttcat tatgtattca   360

ctgacacttt ttggtttttt taaatgtctg tttttagatg tgaataactt tctttccctc   420

ctcctgagga ctaaagtctg attttttatc ttgcccaaat ttcctatcta angggtctng   480

ggagtcatgn ccctgcaacc ataaactctc atcagatggg ttttaat   527

<210> 1020

<211> 420

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (327)..(396)

<223> n=unknown

<400> 1020
accaggcatt tttgtacatg ttataatcat ctatgacttg tctttttccc ttactaacct   60

gcaaatcact taaggtaatt ttttctttac acttttccaa taaacttttta ttattggtta   120

agtcagtttt agctgtttta aaactcaact ttgtttcccc tttatcatct aagcctagat   180

ggtggcactt agtggacctt caaaatatat ttaaactgaa ttatcttttg aatttcagga   240

ggatgtgaaa atgctctccc atctgctcca ggctttagat tatggggcac cccctcatgg   300

aggaattgcc ttaggtaaac aactttncct tttataaaga taaactgaat tcccattgca   360

ctgtctcaaa ttcagggtct cagtttgtgg tggtangagg tggaagggat gagtccaaga   420

<210> 1021

<211> 481

<212> DNA

<213> homo sapiens

<400> 1021
tggtgaagaa tgttgcctgg attccttcca tctaaagact tgattgttag acctgtggca   60

gaactctaga tctgactttta gccttgggga agcaaagagg acaaaaccta aaagctcaac   120

tttctgcatg gtatgcatga ttcaatgagc tctttctgct ttggagtctg ttggcttgga   180

gactcggata tgatagggct tcagttcctc aggagggaga gaatctgggg tattgctcat   240

gaggtcatgt ccccggaagg actttgggaa ggctatgaca tctctgatgc ttggagatcc   300

agtgacaagg catatcagtc tgtctaaccc tgtgagtaaa atacaaagat aacagatgag   360

aaatgtaatc taatgttgga aataacttag ttttctata aaagttgtag aaaacttttta   420

aataagaatc tttaacaaac tgtagccaac catcgttccc tacctttta gagaactttt   480

g   481

<210> 1022

<211> 421

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (364)..(413)

<223> n=unknown

<400> 1022
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gctccttcca agcccagacc catatgcaga ggcgggggcc agaggtgaac attttggcaa      60

tctggtgtcc ctccccagta cattggtctc tcgcttcctg acctagacca ttgggaagtt     120

cttcctgtgg tctgttgaac agctgttctg cttcagcttg agtcattagc ctccttgtgg     180

aaccaaagag ctagtaactg ctggtccctc aagccttctg ttcacacagt caaccctgga     240

gcctccatgg ggcagagagg gctgagaaat gaataatctg agatgaacat agacacaggc     300

agccaaccga ggctctctga tcacacccgc tcgttccagt ttggtgtggg ggaggatgta     360

cagntctccc tccnacatac aatctgattc aagggtgata ctttcaagtc ctnccagttt     420.

g                                                                     421
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<210> 1023

<211> 491

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (411)..(483)

<223> n=unknown

<400> 1023
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tttgcctcag tttatattgt atgccagttg atggaagatc tgaagtggct gtggtatgaa      60

aacaggatat atgtattagg ctatgtcttg atagttggat ttttcagctt tgttgtttgt     120
```

```
tacaagcatg ggcccttgc agacgacagg agcagaagtc ttctgatgtg gatgctgcga    180

ctcctctccc tggttctggt ctatgctggt gtggctgtgc ctcagtttgc ctatgcagcc    240

ataatcctcc tcatgtcctc ctggagtctg cactacccac tgagagcatg cagttatatg    300

aggtggaaaa tggagcagtg gtttacatca aaagagctgg tggtgaaata tcttacggaa    360

gacgagtaca gggagcaagc tgatgctgaa acgaacagtg ctctggagga ntacgccggg    420

cctgccgaaa acccgacttt ccctcatggc tggtcgtctc cagactccac actnctagca    480

aanttgcaga c                                                        491
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<210> 1024

<211> 133

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (7)..(132)

<223> n=unknown


```
<400> 1024
tatgtcntgt ctaacagaat ttgaacatat taaaatagat gaccaaatan nanatattta     60

gactangtag tggnacacat gatttatgnc ngtcanttcn tgaaaactta tgnggacttc    120

antgacntta cnt                                                       133
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<210> 1025

<211> 456

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (418)..(424)

<223> n=unknown

<400> 1025
cacacataca aaatacttt acactgctac atttcatcag gaggatgtac taccattat   60

atgcccagtt cccaagaata aacagttggg tcattaccat gcctttgcta aaaactgctg   120

aaacagactt tgcatccaca gtctgcacac gtgaacatgt ttctagatgt ggagttgggg   180

gccaaagagt aaatggattt tcatctttga cagatttgcc ctccaaaaaa gacaacacta   240

gtttccattc ccaacaaaac tccgtgagct tacctgacag cctttggtaa acagtatcta   300

tgtatattaa actcctgatc tcagttgctg gcacaggtga aaaatactat ctctaggtgg   360

ttatttgcat ctgtgactga gactgggtct ctttttaaat ccacacatgg ccatttcnng   420

catntatttc ctacgggtgt cactgtgttt tgcaca   456

<210>   1026

<211>   505

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (119)..(427)

<223>   n=unknown

<400>   1026
aagcattcac atcaaagtgc cacatcatgg gtatgcatac atgtttgtat atcatagact   60

atctggatgt ttttaagttt cttatcgaga tataattcat ataccataag tgttgccann   120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnactt   360

agcatcatat ttttgaggat catccgtgct atatcatgga tgggtaccat gttcctttga   420

tggctgnata ataccccctt gtagggatgg accacgttta gtttatgcac acatgagctt   480

gacctgggct gctctttaaa gggta   505

<210> 1027

<211> 520

<212> DNA

<213> homo sapiens

<400> 1027
ataaaattgt catgagctgt gttgaagaca gggtgctttc aaatagaggt aatttgctct   60

tgtgttgtaa gaggaacatg tcaacaaaga taggaaatga gggtgatcgt gcagatggct   120

tgtatcttat atatgcaaag gagccaatct cagaagcaca aagaaaaaag tgtgcatacc   180

ttattttgta cagataaaga tgatgtcttt ttgttattgt ctgtctgttt tgtatgtgtc   240

tgagataagg gatagagagg aaacatccgt caggctaatt taactacatt ttattttaaa   300

aatagagaaa cataacctct agatgggaca gcagaggaca gttagtagag gccacaaact   360

gttatgggct gctgtgtttt gttctaaaat caatatggtt ggagcatgta tatcttaggt   420

gatcatttca catcttagga atgcctactc attttatttt attctagtga tgctcaattc   480

actatttaat ttattatatt ttctctctgt ggcacttata   520

<210> 1028

<211> 452

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (25)..(25)

<223> n=unknown

<220>

<221> misc_feature

<222> (307)..(427)

<223> n=unknown

<400> 1028

726

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aaagtgtgga aggttggagg aaatncacaa aacccgtaag ttttagaggg tctgaaagca        60

acattgtcta tcaaatggat acggcacaga ttattcatct ttacttgttg tcacccattt       120

gaccactgat actggcaacc ataatttgta gttcagaatg gtcatccatc catcgttgca       180

tcattcaaag tgatgtggct taagtgtata taatgattat taatagttca tcttcgactt       240

tgcctgtgga ttaattggtg tgctttgtaa caagatagtg ctagtttaat tttttaacat       300

tgtgaanatt gtgaccatgt tttctaagag gtcagataat gagaatggtt ataatacccca      360

atgcaaccca tgaccccatc actnaagaag aaggctaaac gactatgtat tttgatggat       420

ggatggnagg acacatacta ctgaactagg aa                                     452


<210>  1029

<211>  396

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (48)..(48)

<223>  n=unknown


<220>

<221>  misc_feature

<222>  (383)..(383)

<223>  n=unknown


<400>  1029
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ctttacgagt agccaaagcg atctacaaaa ggtacattga gaacaacagc attgtctcca       120

agcagctgaa gcctgccacc aagacctaca taagagatgg catcaagaag cagcagattg       180

attccatcat gtttgaccag gcgcagaccg agatccagtc ggtgatggag gaaaatgcct       240

accagatgtt tttgacttct gatatatacc tcgaatatgt gaggagtggg ggagaaaaca       300

cagcttacat gagtaatggg ggactcggga gcctaaaggt cgtgtgtggt atctccccac       360

cttgaatgaa gaagaggagt ggnttgtgcc gacttc                                 396

                              727
```

<210> 1030

<211> 451

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (23)..(51)

<223> n=unknown

<220>

<221> misc_feature

<222> (269)..(422)

<223> n=unknown

<400> 1030

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tccctcatct tgcttcaggc tgcagcatct accacaagag actaccagaa cctctgccat       120

ctccgatact gtgagtcagg ccaaggtcca agtcaacaag gccttcctgg actcccgaac       180

caggctgaag accgccatga gctctgagac tcccaccagc cgacagctct cagaatacct       240

caagcatgcc aaaggccgga cgcgcacanc ccatccgcaa tggacaggtg tgggaggagt       300

ctttaaagag actgaggcag aaggcatcct tgaccaatgt cacagatccc agccttggac       360

ttgacttcac tgtctctggn ggtgggctgt ggtgcncctg gntcccgtgg tgagatgcga       420

cncgtgcagc ccttaccgca ccattaccgg a                                       451
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<210> 1031

<211> 208

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (26)..(26)

<223> n=unknown

<220>

<221> misc_feature

<222> (144)..(187)

<223> n=unknown

<400> 1031
gattaaaata cagattttaa taattncctt actactttta taggtagtgc tttcaaataa   60

aaccagtgtt tgctaaatcc aaatgtcttt ctcccttgct aaattatagc aggagcatgc   120

taaatatttc atcagactac tggnatgatg gttttacatt ttaatgtttg aaaacataat   180

tttggtncaa ttgcagtgta aaactatt   208

<210> 1032

<211> 430

<212> DNA

<213> homo sapiens

<400> 1032
ctctagtcct cgtggttgcc tgccccactc cctgccgaga cgcctgccag aaaggtcacc   60

tatcctgaac cccagcaagc ctgaaacagc tcagccaagc accctgcgat ggaagctgca   120

gatgcctcca ggagcaacgg gtcgagccca gaagccaggg atgcccggag cccgtcgggc   180

cccagtggca gcctggagaa tggcaccaag gctgacggca aggatgccaa gaccaccaac   240

gggcacggcg gggaggcagc tgagggcaag agcctgggca gcgccctgaa gccagggggaa   300

ggtaggagcg ccctgttcgc gggcaatgag tggcggcgac ccatcatcca gtttgtcgag   360

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cgccgtacgc   430

<210> 1033

<211> 557

<212> DNA

<213> homo sapiens

<400> 1033
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cctggggctg ttgagacggg agatgtcccc actgtgctgc tcctggtttt gtctcctctc   120

caatccttga gcaccctgat atgcaacatg gggggtaatc agaaggagga ggcagcctct   180

gatggggcaa cggctgaggg tgggggcagt gtgtaaggca ccttttgcgg tcagcccagc   240

cacactccat cgccagagag aatgccaaag tgtagactga atgaaattct gtaggcaaat   300

ggtaaatggt agctgggcca gtagctattt gcatgggtgg attatatcat gttaagggaa   360

ttctttatct cagcagaggg aacagaggaa tatcttggct aaggtcatcc tgccagtcag   420

gagaagccac cctccaggga ccacagactc aaagtggctg tggtggagac ccaccgcctg   480

ggtagggtga tgtcaagaca ctgagaggtt ccatctgcag tggccaaggg ctgcaggttc   540

tgccatgctg ggcattg   557

<210> 1034

<211> 150

<212> DNA

<213> homo sapiens

<400> 1034
aaaaagttaa aaatacaaat atagcactgt aaacatctga tatgtatcct ttcaaacttt   60

tttctgtata tatttatttg ttaaatttgt attgatgccc tcctttagtg tagactttct   120

attaagaact ggaaacagag ccaaacaaaa   150

<210> 1035

<211> 494

<212> DNA

<213> homo sapiens

<220>

730

<221> misc_feature

<222> (490)..(490)

<223> n=unknown

<400> 1035
ttcttggctg ggccagcata cgggataaaa taacttgcaa atgatgacag atgtctttac   60

cctatattct tttctatctg gaatcaaagc ttgtttggag acctgtatca tcatcccagt   120

acaaacctct tgccctccca gcatggctgc cataaataat gactcatgtg caaagaacca   180

acccccagga aggcactcct cccataaggt gacacagcca cacttctcaa gggactcctg   240

agggcagagc agtaaccctg ggagtttgtc ctaagtatct tacagttgag cagaggagct   300

tcagggtagc tgaaagtgtc tcgtcagttt tacttttaaa tgttttttc ctatttacct   360

atgtgagcaa aaatttacta ctgtaaaatt gaaacaatga aatataccca taaaggctta   420

gatatactca taaaggccgt gtctgccata tgaaacctga cttcaaatct ttatggttcc   480

tcaaactaan cctg   494

<210> 1036

<211> 256

<212> DNA

<213> homo sapiens

<400> 1036
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caaaataaga ttaaatctta actgcaatct gttaacactg ctgtctcctt tcactctttc   120

tcctatatca cactttccca catgttggat ggccttggag tggtagccat aagcattttt   180

ggaattcaac taaaaactga aggatccttg aggacggcag tacctggcat acctacacag   240

tcagcgttca acaagt   256

<210> 1037

<211> 517

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (70)..(301)

<223> n=unknown

<400> 1037
cactgttgtc acaactgtac catacatttg tagtgtaaga aagatgtttg taatcgggaa   60

aactgggatn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   300

ncacttgttg aacgctgact gtgtaggtat gccaggtact gccgtcctca aggatccttc   360

agtttttagt tgaattccaa aaatgcttat ggctaccact ccaaggccat ccaacatgtg   420

ggaaagtgtg atataggaga aagagtgaaa ggagacagca gtgttaacag attgcagtta   480

agatttaatc taatttgcaa atttacaacc acattgg   517

<210> 1038

<211> 446

<212> DNA

<213> homo sapiens

<400> 1038
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gggacagcag ggtggagcca ggccgtctct ggcttctggc atgtccacag tgtaattagc   120

acttgggttt gaacatgttt gtgtcttcag ccatgtgcgc acagggcctc tgagaacccg   180

ccctgcctgc tgtgggacac cggcttgcca ctgcctgggg cttgtgagaa agtgccagaa   240

gcacttaatg gggaaaccca agcccacctc tattgtgttg ttttcacaga gcagagagaa   300

aggtctggag aaacctcaca gctttggagg ggtacagctg agcctgcttc ctgctctcgc   360

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agtccctaaa agagtggatc taagac   446

<210> 1039

<211> 503

<212> DNA

<213> homo sapiens

<400> 1039
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cagtgagggg agtgcagggt ctctggcagg atgggggagc ttgaccaagg gagggagctg   120

gtccctgctt ccagcagcag agtttcactc caacatgtgc aacggcccaa accaaagagt   180

gactgtgtgc catctggtta gaggaaccca agaattctag aggcatcaga gtccctgatg   240

ctgacgtggg gatcatgttc ataagcaaac ttgttttctg cacactcctg ttttccattt   300

aactttcttt cagcagatga aaatcagact gcacatgcca agcaaccaga cactggcctg   360

cagccttggg atgccagatg aaagggaacc ccaggacagg gggcaacatg caagcctgtc   420

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acgaaagagc tgaaacgcac tgc   503

<210> 1040

<211> 296

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (226)..(291)

<223> n=unknown

<400> 1040
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tttggagaaa aaatttaaaa agataagtag aaaaatgaag taactgtaga aaccatactt   120

actctttgat ctcaaatgcc caaaaactga atgaaaatgt gaatttaggc cgaccaggta   180

gtcttgtcaa taaactaaaa gaaaaacagg gaaattgaga atatgntacc actataacca   240

caccaaacag ctagtttgaa cactgcagtc ttaatataaa gctttatagt natttt   296

<210> 1041

<211> 541

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (493)..(525)

<223> n=unknown

<400> 1041
agtcctgttc ccaagtccaa accacttttt aacttaaatc ttgagttttt ctgaattact   60

caatttgaag taattctctt tatatctgaa aaatggtttt attgaaacgt ttgagattaa   120

aaaatatgca ttgcaagaag catatgacaa acattctgag agtacaaaat tagttgtaaa   180

aaataacata atttaccagt aaacccactc atatagaaat gtgcaaagcc ttttgatata   240

aaaagttttg tacaccaagc acctattttt ataacttagc ttcccatgga gagataatgg   300

cttgcgtgca ttttatgtat ccataacata catacaaggc tcggtctttt caatgggata   360

acagttcaca actcttcgat ttgaattgta atgaatctgg tgacaaggat ttttctctaa   420

tggattccaa agttagccag aacttttaat gtcaagatga aaagggtgta aggtgttata   480

ttttcttcaa ttnctttacc acaggagggc taactccaca atttncccca tggttctcca   540

t   541

<210> 1042

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<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (105)..(146)

<223> n=unknown

734

<400>   1042
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ggatttggcc attcagagaa gttcaccttg gaggggtgt gcgananggg ggtttcctct   120

gcggccgaag aagggttagg agcctncctt ctgaagacct   160

<210>   1043

<211>   517

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (454)..(467)

<223>   n=unknown

<400>   1043
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ggagcgggta gtgccagcta cggtccgcgg ctggggttcc ctcctccgtt tctgtatccc   120

cacgagatcc tatagcaatg gaactcagcg atgcaaatct gcaaacacta acagaatatt   180

taaagaaaac acttgatcct gatcctgcca tccgacgtcc agctgagaaa tttcttgaat   240

ctgttgaagg aaatcagaat tatccactgt tgcttttgac attactggag aagtcccagg   300

ataatgttat caaagtatgt gcttcagtaa cattcaaaaa ctatattaaa aggaactgga   360

gaattgttga agatgaacca aacaaaattt gtgaagccga tcgagtggcc attaaagcca   420

acatagtgca cttgatgctt agcagcccag agcnaattca gaagcantta agtgatgcaa   480

ttagcattat tggcagagaa gattttccac agaaatg   517

<210>   1044

<211>   569

<212>   DNA

<213>   homo sapiens

<400>   1044

735

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attcgtgaca agttcaaaag gagaacttcc tttgtttaa tgcagctgtg ctcagaagcc      60

tgtgatttcc taggaaacca tctgggttta gcccattaga aaaatgcagt ttaaagcagt     120

gtcacactgg ctgcctgaag gtacccttgg agatactgga gcgcttctgc attcaggctg     180

gtgctcacca ttgatggaac ccttcctgga caggcggtag acaacttgtg aagtgactgt     240

gccaggtgaa ttttgggggtt attcaccatt tgacctacag gatcatgctc ttttttccca    300

gcaaatgcca actgtgagaa ggcagtctga tatcctggtg tatcttctat gtcaataaaa     360

tgttcctcat caggaatggt atcatcttcg ggtaactcaa aaagaccaat caaagactgt     420

aataatggag tccacagttt ggtatactca gtgtccatca ttgggggaca ttctgttagt     480

aatttggtta tgccaaccgc acagatcttt ttctctacat ttccagatac cttctgaatt     540

tcaggaataa taattttttc caaaccatt                                        569


<210>  1045

<211>  221

<212>  DNA

<213>  homo sapiens



<220>

<221>  misc_feature

<222>  (187)..(195)

<223>  n=unknown



<400>  1045
ggagcaagga gcagaataca gacaggttgg ggagctcagc cctggggtgc caggggatgg      60

gaagtgggag gactcaagga tggggtcagg tttgacccga gagctagggg aacggctggc     120

atggagcaga ctggaagtac cgaggtggat ccccgggaga gggtatagga agggaagcag     180

caagcangag tgcangggag aaatgcaggg ttttctgtgt g                         221


<210>  1046

<211>  514

<212>  DNA

<213>  homo sapiens
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<400> 1046
ctccatcagc ggggtggcct ggggagcagc tgcatgggtg gcactgtggg gagggtctcc   60

cagctccctc aatggtgttc gggctggtgc ggcagctggc ggcaccctgg acagaggtgg   120

atatgagggt gatgggtggg gaaatgggag gcacccgaga tggggacagc agaataaaga   180

cagcagcagt gctggggggc aggggatga gcaaaggcag gcccaagacc cccagcccac   240

tgcaccctgg cctcccacaa gcccctcgc agccgcccag ccacactcac tgtgcactca   300

gccgtcgata cactggtcga ttgggacagg gaagacgatg tggttttcag ggaggcccag   360

agatttggag aagcggatga agttctcctt tagttccgaa gtcagctcct tggttctccc   420

gtagagggtg atcttgaagt actccctgtt ttgagaaact ttcttgaaga acaccatagc   480

atgctggttg tagttggtgc tcaccactcg gacg   514

<210> 1047

<211> 209

<212> DNA

<213> homo sapiens

<400> 1047
gaaattctga acaagtttca ggcatactgg ttcttcctct ctttgcaaca tatcaaaaag   60

tatacattca gacttagaaa ttatggatct cagacctctg ttggtttcag agaagagtat   120

gcagagggta taagtgtgca tgtgtgtgta tgtatgtgta ggcatgtatt tactgtgatg   180

ttactaactg tagacacagt gatatctca   209

<210> 1048

<211> 201

<212> DNA

<213> homo sapiens

<400> 1048
tcactgtgtc tacagttagt aacatcacag taaatacatg cctacacata catacacaca   60

catgcacact tataccctct gcatactctt ctctgaaacc aacagaggtc tgagatccat   120

aatttctaag tctgaatgta acttttttga tatgttgcaa agagaggaag aaccagtatg   180

cctgaaactt gttcagaatt t   201

737

<210> 1049

<211> 405

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (389)..(389)

<223> n=unknown

<400> 1049
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gcctagtttt gaggagcaag gaggaagagt tattggaaac cggagacagc gagggctgtg   120

cgaaggagcc ctggccagag ctgaaacttg gattgaggcc agcagccgtt tcacagtgac   180

ccctagagag ggagccccag ggaagagatc ggatgcctca gcctccctct ccctccctcc   240

tgtcttctgc tggggctccc tgttgctaaa accaccctgt agcagaggag gagcaagccc   300

ttgcactagt ccctgaggtc aatttggggt gcagagtcag acggaaaagg gaggaccagt   360

ggaggggggac tggcacagtg gctgcgcant ttccttttcc cgtag   405

<210> 1050

<211> 331

<212> DNA

<213> homo sapiens

<400> 1050
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ccctggaatc actgctgtgg aaggggcttc agttcatccc ttcagcgaca tgggccacag   120

gaatgagagg cttaggagac cctccctaag aggcctggta aaaggcagaa gctggaaatg   180

gtgctgttca gcaggcctga gccgaacatg gcacatcagg ccctgcagcc agggcaggga   240

cccttcctgg aggccagggt cccgcacgca ttgtctcacc ccagccagtg tgtggtggag   300

cagaaaaaaa ccgaggcttc agtcaaacag a   331

738

<210> 1051

<211> 389

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (184)..(184)

<223> n=unknown

<220>

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<222> (368)..(368)

<223> n=unknown

<400> 1051
agaggctttc caaacagtgc aagctgtgac ttagaagact gtttccaaag gctaaacaga   60

tagtggaggc tctcagaaac atcacgtgga aaataacttt aaaaaaaaaa tgggactaga   120

tgatctgtgc tcccctcccc ttctggttgg tttggttccc tgacgagact gcagttttgc   180

gaantgttct tgagatctgt ttactggtat tgctgtgcgc tttctttggg gcttttattt   240

cccctctgt tttctgagtt ttagagctct ctattacctg taacgtatat attgcccccg   300

gcaaccctgc ggccttccca cacacacacg gatgcgtatc ccaaatctaa aatccaaaat   360

cagaatgnat caactgtaaa aaattttat   389

<210> 1052

<211> 349

<212> DNA

<213> homo sapiens

<400> 1052
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tatacgttac aggtaataga gagctctaaa actcagaaaa cagagggggga aataaaagcc   120

739

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ccaaagaaag cgcacagcaa taccagtaaa cagatctcaa gaacagcttc gcaaaactgc      180

agtctcgtca gggaaccaaa ccaaccagaa ggggagggga gcacagatca tctagtccca      240

tttttttttt aaagttattt tccacgtgat gtttctgaga gcctccacta tctgtttagc      300

ctttggaaac agtcttctaa gtcacagctt gcactgtttg gaaagcctc                 349


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<212>   DNA

<213>   homo sapiens


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<222>   (89)..(374)

<223>   n=unknown


<220>

<221>   misc_feature

<222>   (538)..(538)

<223>   n=unknown


<400>   1053
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tgattgtaga gccctagggc ctggagggnn nataggccag ataattatac aggcctnnnn      120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnrin nnnnnnnnnn nnnnnnnnnn      360

nnnnnnnnnn nnnngtaccc cataatgcag atacggctgt ggtgtccaca aacttagatc      420

ataacaacca agtccctttg aatacttgga aagccttccc aagaaggatg ggtacaaaca      480

actccagatt gtgaagctac aataaattct taactcttca gtgcctagac acccatgnat      540

atccacaagc atcaaaacca tctggggaaa catggcttac caaatgaata aattgaccag      600

g                                                                     601
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<210> 1054

<211> 454

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (5)..(93)

<223> n=unknown

<220>

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<222> (194)..(194)

<223> n=unknown

<220>

<221> misc_feature

<222> (324)..(441)

<223> n=unknown

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attttctgtt actgctttta ggatcntttc ttnatccttg acctttggga gttttgttat   120

tacatgcctt gaggtaattt ccttttagtt aaatctgctt ggtgttctat aaccttcttg   180

tacttaaact ttgntatctt ttgtttggga agttatctta ttatcccttt gaataaactt   240

tccaccatta tctctctctc tctacctcct ttaaggccaa taattcttgg atttgccctt   300

ctgaagctat tttctagatc ttgnaggtgg gcttcattct tnttnattct ntgctctnnt   360

gtctcctctg actgngtatn ttcaaatagt ctgtcttcaa gctcactaat tcttncttcc   420

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741

<210> 1055

<211> 365

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (131)..(177)

<223> n=unknown

<220>

<221> misc_feature

<222> (300)...(300)

<223> n=unknown

<400> 1055
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ttatttgctt ttaatgtgct gtgaaatatc tgtgcagtag atactaaaat tctgttttat   120

taacctaaac nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnggg   180

taggtccatc attctcaccc aggcagtgtg actcccagag cttgtgacat tgatgtaaaa   240

ctctgacagg aataaaggat ttattgatat cattggttct caaactttt ttggtctcan   300

gggctcttta tactctaaaa aattattgag gatccccaga gagctttggt taaatgggta   360

taatt   365

<210> 1056

<211> 337

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (59)..(122)

<223> n=unknown

<220>

<221> misc_feature

<222> (280)..(323)

<223> n=unknown

<400> 1056
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ggggattcca gagtcctttt tgggaggggg ttntgtaagg ccccctttt tcatctattt   120

gngactttgg attgtcttca tatacctcca ccaaaatgat ccgccacagc aatcaaatgt   180

gtttaagtaa aattgcctta agacacatgt tgaatatctg taaaaatgta aaatgctact   240

cttctcagct tttttagaaa agtcatttta gaaatttgtn ttaatttcta ctgttangga   300

tgataatttn tnacccatat nnncaaaagc tctctgg   337

<210> 1057

<211> 431

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (8)..(8)

<223> n=unknown

<400> 1057
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gtttgttgtt gctgttgtcc tttattttga aagagttgca agagaagtta cagtccaggt   120

gaacttggag attgtgggat tggttttgtt tctgttttgt tttgtttatc atttacctgt   180

agtgctattg ctgttgatac tatcacctat accctgtttc tagtgagtgc tgaatacagt   240

atggtacaat gacagtaaca gccgcgtggt gctgccagga ctgcccttgg gcatatcagt   300

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gacagcccaa atgtgggtgg aggaaacctg taatttcctt cttaacatgt gtttgaaata    360

ccaagtgaat aatactgttc tggaaaaaaa tgataaacta gtggaaatta aagaaattaa    420

gggttttata t                                                        431
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<210> 1058

<211> 425

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (343)..(415)

<223> n=unknown


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agaggtgggg cctgtctatt atataaaacc cttaatttct ttaatttcca ctagtttatc    120

atttttttcc agaacagtat tattcacttg gtatttcaaa cacatgttaa gaaggaaatt    180

acaggtttcc tccacccaca tttgggctgt cactgatatg cccaagggca gtcctggcag    240

caccacgcgg ctgttactgt cattgtacca tactgtattc agcactcact agaaacaggg    300

tataggtgat agtatcaaca gcaatagcac tacaggtaaa tgntaaacaa aacaaaacag    360

aaacaaaacc aatcccacaa tctccaagtt cacctggact gtaacttctc ttgcnactct    420

ttcaa                                                               425
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<210> 1059

<211> 395

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (5)..(180)

744

<223> n=unknown

<220>

<221> misc_feature

<222> (320)..(394)

<223> n=unknown

<400> 1059
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ggggaagang cctgtttcgc tgtcgggtct ctagttcttg cacgctcttt aagagtctgc   120

actggaggaa ctcctgccat taccagctcc cttcttgcag aanggagggg gaaacatacn   180

tttattcatg ccagtctgtt gcatgcaggc tttttggctt cctaccttgc aacaaaataa   240

ttgcaccaac tccttagtgc cgattccgcc cacagagagt cctggagcca cagtcttttt   300

tgctttgcat tgtaggagan ggactaagtg ctagagacta tgtcgctttc ctgagctacc   360

gagagcgctc gtgaactgga atcaactgct tcang   395

<210> 1060

<211> 453

<212> DNA

<213> homo sapiens ﾉ

<220>

<221> misc_feature

<222> (295)..(445)

<223> n=unknown

<400> 1060
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atctccacac aaatggagaa actggacaag gtggtcatgg aggtccctga aagctcaaag   120

actttctcat tccaggattc cccatgttca tatgccagca tggcatgggg gtgctctgta   180

gtcaagcagg gtcctttggg gggcttaggg atggagccag gaaatggctc tgggactcag   240

cgggtgtcca gagtctcatc agcagggttt ctttactttc actgagtggc tggtncctgc   300

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acactgagtt ttgcaggctt actctcacag agtgagcttc ctgcaggccc cccantgcaa        360

ccccttccct tcctggagct gtgtgctgan tggtncgtga ccccgcaggc cctctcccca        420

tgctgctgat ggtcagtttc tctgnaacgt cgt                                     453


<210>  1061

<211>  405

<212>  DNA

<213>  homo sapiens


<400>  1061
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aaaagaggga cttttttaaaa attgttcttt cgtcagaagc cttttggatg acttacaata       120

gctctgatga agataccacc ccagcgtcag tccaataggt cagtgagttt caacaggcat        180

ccatccctcc catgaaggga ttctggtgat gggaagtttc tgtaatgaca ggaaagcatt        240

gaccctcatt gattgtcaac tttggtatta gccatgaaag acaggatgct cattgggtgt        300

tctgtagagt gaggaatgct gcctattccc tcccagaacg tctgacccag gggtgtgtgt        360

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<210>  1062

<211>  521

<212>  DNA

<213>  homo sapiens


<400>  1062
gcaataaata aaaccagaca tattgacttc taaaaaacaa aaccaaacaa aaaaaaaatc         60

ccctaaacta tatacatcct acaggaatac aggcattatc aaatgtagaa atggtatcac        120

tctgaaagat ggggctattt acacaagtta caagaattgc gttgctgtct ttaagaagtc        180

tcctccttga ataactcata aactctaagg gagagagagt actggtgggg aagcggggtt        240

caaagaggag acatcctcca tctttattga tggacaagac agtctcaagg aaaaacatca        300

atatccaaac accgtattga gtcccttaac aaggctccac agatcagctg gctttcaaaa        360

agcctggaag ggtgctccac tcaggaactc ccaagagaaa ccatcttgtc cctcagccag        420

gctgggactg gcagtgaggc catgctgagc cagtggcaaa cccgtgggct gtgggtttca        480

caagacaacc tggctctgtg ctgtcacacc cagccttcaa c                           521
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746

<210> 1063

<211> 532

<212> DNA

<213> homo sapiens

<400> 1063

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aggagaacac gcaggcagca gagaccatgg ggcccatctc agccccttcc tgcagatggc        60

gcatcccctg gcaggggctc ctgctcacag attaccccag ggcctgcata cagcaatcga       120

gagacaatat accccaatgc atccctgctg atgcggaacg tcaccagaaa tgacacagga       180

tcctacaccc tacaagtcat aaagctaaat cttatgagtg aagaagtaac tggccagttc       240

agcgtacatc cggagactcc caagccctcc atctccagca caactccaa ccccgtggag        300

gacaaggatg ctgtggcctt cacctgtgaa cctgagactc agaacacaac ctacctgtgg       360

tgggtaaatg gtcagagtct cccggtcagt cccaggctgc agtgtccaat ggcaacagga       420

ccctcactct actcagtgtc acaaggaatg acgtggaccc tatgaatgtg aaatacagac       480

ccagcgagtg caacttcagt gaccagtcac ctgaatgtct ctatgggcca ga               532
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<210> 1064

<211> 361

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (21)..(52)

<223> n=unknown

<220>

<221> misc_feature

<222> (198)..(356)

<223> n=unknown

<400> 1064

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catgcagacc agggaagaag agacctgcag gaattagtgc tgagaagcag gagtttattg     120

ggaggaggag gagatccatt cccgggatac aggtctctct cccaagcatg gcggtcagcc     180

ctgcaggaaa caggacanga ggnaaggcca tcatacntgc nagtcttctt gaaatgcaga     240

nactacacca gagctactat atcanagcca ccctggccag tactccaatc atgatgctga     300

cagtggctct agctgagagg ccaggagaac tttccttgta ctacagcatt cagagnctgt     360

g                                                                     361
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<210> 1065

<211> 384

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (382)..(382)

<223> n=unknown

<400> 1065

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gacagcttaa agaccgagct gtagaagcac agtcttgtta cagtcttgga aatacatata      60

ctttacttca agactatgaa aaggccattg attatcatct gaagcactta gcaattgctc     120

aagagctgaa tgatagaatt ggtgaaggaa gagcatgttg gagcttagga aatgcataca     180

cagcactagg aaatcatgat caagcaatgc attttgctga aaagcacttg gaaatttcaa     240

gagaggttgg ggataaaagt ggtgaactaa cagcacgact taatctctca gaccttcaaa     300

tggttcttgg tctgagctac agcacaaata actccataat gtctggaaat actgaatttg     360

atagcagttg aatggtgtac gncc                                            384
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<210> 1066

<211> 589

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (517)..(586)

<223> n=unknown

<400> 1066
ataactctct aatacaaaat aagcccttcc tgaatgagaa ttataacact accaatgttt   60

tcagtggtat ctgagctgta tgcagaacga aaaaaatata cagacatact tgacatttta   120

caaggatgtc aaagaaatct tcatcagcct ctttgttgtc attagtcatc aggtggctaa   180

gtaccgactg gctgttttgt gttagacgaa gccctggcaa attactgaaa ctagccctct   240

ggtcatccag acggcgactc tgtgagctgg caagaagatc taaaaactca tccgtgttgg   300

gggataccac aggaacagat gatgttttta gcatcatttt aggggggagtg gaagaagttg   360

ttgttgaagc tgtatggcag ttcttttctt gtaagcaaca tctctgatca tccatcctat   420

tgctttgaaa tcggcttaat aagtcaaaga acccttcatc tccaatagta tctgcactga   480

ttttcctctg agaatttgga attcggtggt caatagnatt actggcatct tggagaactt   540

agtggaggaa ttcgttttgt attttttccc cttcagtctg ttgacnaag   589

<210> 1067

<211> 477

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (7)..(7)

<223> n=unknown

<220>

<221> misc_feature

<222> (166)..(180)

<223> n=unknown

<220>

<221> misc_feature

<222> (374)..(469)

<223> n=unknown

<400> 1067
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cctaggcctc atggcggtcc gagcttcgtt cgagaacaac tgtgagatcg gctgctttgc   120

caagctcacc aacacctact gtctggtagc gatcggaggc tcaganaact tctacaggan   180

acagaagaaa ttctggcaga tgtgctcaag gtggaagtct tcagacagac agtggccgac   240

caggtgctag taggaagcta ctgtgtcttc agcaatcagg ggagggctgg tgcatcccaa   300

gacttcaatt gaagaccagg atgagctgtc ctctcttctt caagtccccc ttgtggcggg   360

gactgtgaac cganggcagt gaggtgatgc tgctggggat ggtggtgaat gactggtgtg   420

cctnctgtgg cctggacaca accagcacag agctgtcagt ggtggagant gtcttca   477

<210> 1068

<211> 413

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (12)..(411)

<223> n=unknown

<400> 1068
accctcagcc ancagccaca gggcctgcna gccagcacaa cagagcaggt ttttgcagta   60

atgatagatc ccggcnataa gcacaggtgn aananggtcc ggtgcccagn ccctcagtnc   120

cantgagctc tctnccaact ccctncnagc atccggnaca gattgggcng natntngaca   180

```
nggntngcca cagtccacng ccangngccc atggcncaac ttggaaggtg actcaggtga      240

ggctgtcaat gagggaatcc cgcatnctgg tggcaatggt gctaggctgg gcttcattca      300

gcttgaagnc actctncacc actganagct ctgtggtggt tgtgtccagg ccacagaagg      360

cacancagtn attcacnacc ancccagcag ccatcacctc actgcctcgg ntc            413
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<210> 1069

<211> 449

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (302)..(394)

<223> n=unknown

<400> 1069
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aagcgcctgg cggaaggcgc agggaggtgt ttctctgctt caggagtgcc cgccggccct      120

tgcagctgct ggaagaccca tttatctcat gcttcttgtt ttctttgggg acctgcaggg      180

gaaggaagca gggtgacggt ttggtatccc cacctaagac cctccccttt cccctgaggc      240

cagccgtcag cccctggcag ggggtcttgg aagccagagg tttttgctca gggcagggaa      300

anggctgcag gattcccggg ggctgccgga agtcggtctc actgacatca tgggtgaccc      360

cagcatcgnc tggtcccaca gatgtcggcc tctngtcgcc tgtgtcttct caacatcgtt      420

ggcctgattc ttccccacca gaggacaga                                        449
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<210> 1070

<211> 527

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222>   (56)..(56)

<223>   n=unknown

<220>

<221>   misc_feature

<222>   (297)..(499)

<223>   n=unknown

<400>   1070
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aggtaggaga ctcggaccgg cagccctggc tccagcttca tcatctgtgt cttccctctc   120

tggccaggct cttcgagggg atgcaggagg ctgggcacgg tgagctggca gggggcttgg   180

tcttcgggtg cccagcaggt tgtcagctcc tgtttctgat ggactcacct gcaatgattc   240

cggcataacc gggacagctg cctgcacttg ccactggtga ggatgatgat gcctgtnatg   300

aacagcacag ctgcgaccaa cagcccccgt ttccggaggg tgtgttcatc atagnagaag   360

gggtcatcct catnnaaacc agatggnttg anggtctggg ggtctgtctg gacgtctgtg   420

cttggggatg gtctctnaaa gagcgtcgtg gtgtcatcag tgggatcagc tgctttggtg   480

ctcttgtgtg tctctgganc tgtcactaga ggcccatccg ttccttc   527

<210>   1071

<211>   368

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (25)..(25)

<223>   n=unknown

<220>

<221>   misc_feature

<222> (283)..(360)

<223> n=unknown

<400> 1071
agaaagccac cacctgggag acctnccccc aaagcccaca gaactggccc ccaagcccca   60

aattggagat ttgccgccta agccaggaga actgccccc aaaccacagc tgggggacct   120

gccacccaaa ccccaactct cagacttacc tcccaaacca cagatgaagg acctgccccc   180

caaaaccaca gctgggagac ctgctagcaa aatcccagac tggagatgtc tcacccaagg   240

ctcagcaacc ctctgaggtc acactgaagt cacacccatt ggntctattn cccaaatgtg   300

cagtccagag acgccatcca aaaggaagc atctggagga ctcccaacga ccttcacggn   360

ttactctg   368

<210> 1072

<211> 377

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (106)..(370)

<223> n=unknown

<400> 1072
tttaaaaaat gtacaattcc acttatccat actattcctt tataaaaggc agatttcagg   60

taagcttcta aatgcatgcg taatgtagag gctaatattt tctggnagtc cttggntcct   120

gaaatttgaa cttcatatgn gttttaaact tttgtcaaaa tagtcatgaa agatatgnta   180

ttttttgcata atgaggnaat atatcagggg cgggcactca tnagncagta taaatccact   240

tgtctaaact tgcatgaggc tgtgtncatt gtaaaatgcc ataaagagnt ttgggncagt   300

gaatattttg ctgaaggaat aacacttaca tttaactgag cacttttctg taataaatac   360

caaagtangn ttttgga   377

<210> 1073

753

<211> 465

<212> DNA

<213> homo sapiens

<400> 1073
ctgggactga agagggacgg gtcccgcggc gagcgagctc ctgagcataa gctgtggcca   60

tgactactga agtaggctct gtgtctgaag tgaagaagga ctctagccag ttaggaacag   120

atgcaaccaa ggaaaaacct aaagaagtag cagaaaatca gcagaatcag tcttccgatc   180

cagaggagga aaaaggttcc cagccacctc ctgcagctga aagccaaagt agtctacgcc   240

gccagaagag agagaaggaa acatcggaga gcaggggtat ttctcggttc ataccgccat   300

ggcttaagaa gcaaaagtca tataccttag tagtggccaa agatggagga gataaaaaag   360

agcctacccc aagctgttgt tgaagaacag gtcttagata aagaggaacc ccttccagaa   420

gaacagagac aggctaaggg tgatgctgaa gaaatggctc agaag   465

<210> 1074

<211> 430

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (14)..(34)

<223> n=unknown

<220>

<221> misc_feature

<222> (190)..(423)

<223> n=unknown

<400> 1074
ctccttactt actnantcag taggntgnan cnnnactttg ctcactgagg gttttttcttc   60

cttgctcact gagggttttt cttccttgac ttcaacttta atctcttgtt tcttctgagc   120

```
catttcttca gcatcaccct tagcctgtct ctgttcttct ggaaggggtt cctctttatc      180

taagacctgn tcttcaacaa cagcttgggt aggctctttt ttatctcctc catctttggc      240

cactactaag gnatatgact tttgcttcnn aagccatggc ggtatgaacc gagaaatacc      300

cctgctctcc gatgtttccn tctctctctg ctggcggcgt agactacttt ggctttcagn      360

tgcntgaggt ggctgggaac ctttttcctc ctctggatcg ggaagactgn ttctggctga      420

ncnttctgct                                                            430
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<210>   1075

<211>   452

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (397)..(419)

<223>   n=unknown

<400>   1075
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cagaggcatg ctctcttaca gactaagagt ttttaaggat tcagggtggg agagtttacc       60

agaggcttgg actgcttctg tgtctcttta ggtgtgctta tctgggaggg agttgtgtgt      120

ctgtttccat acatcttcct gcagctgcag gcataccccc aggtctgctt ttagcttccc      180

tatcttagtg cacctgaagg gaaagaatgt gcttattaag gcccactgtt atactggggc      240

ccaatgtatg agggtgaagt ttggcaatta cccaagagac tttcccccca cctccctctg      300

tgcctgagct gtctcatcta tgttttactg tctgctcttt ctgtctgctt gttgttagaa      360

gagaagtgat tttcttgaaa tgcatgaggc tggaaangga gctggcactt aaagtggcng      420

tgtttgtccg agaggatggt gctcctgctc tg                                   452
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<210>   1076

<211>   462

<212>   DNA

<213>   homo sapiens
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<220>

<221> misc_feature

<222> (270)..(432)

<223> n=unknown

<400> 1076
cttcaataaa gctttttttt tttttaaacc ctcacaattt agttctgggc tctgtgcttg   60

ggctcttgaa attcggtggc agtggcctga atccccatgc ccactgtgac agagcaggag   120

caccatcctc tcggacaaac accgccactt taagtgccag ctcccttttcc agcctcatgc   180

atttcaagaa aatcacttct cttctaacaa caagcagaca gaaagagcag acagtaaaac   240

atagatgaga cagctcaggc acagagggan gtggggggaa agtctcttgg gtaattgcca   300

nacttcaccc tcatacattg ggccccagta taacagtggg ccttaataag cacattcttt   360

cccttcaggt gnactaagat agggaagcta aaagcagacc tggggggtatg cctgcagctg   420

cnggaagatg tntggaaaca gacacacaaa tccctcccag at   462

<210> 1077

<211> 363

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (343)..(343)

<223> n=unknown

<400> 1077
ggcaggaagc agagataaga cttgaatttc agtttggtag acctccttct ttagcagccc   60

aacctgtagc aaatctagtt tagcctgcat ggcagggaga gggattctct tcccaccctc   120

accatttgca agtggcagga gctgagaatg ccagtacgag agtgtagcca aagtgagagg   180

ctgagagcaa aggagacatt tttttcagtt ttgagtcgag tatccagaca gaggcaaatc   240

attttgttta acttttttatt aaagtgtaac tatagaaaca catcaatgat ttttcacaag   300

tggagcacgt gcatacaatc gggcaccccca gaagcccccc gtnagattcc cttccagtta   360

act 363

<210> 1078

<211> 408

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (26)..(385)

<223> n=unknown

<400> 1078
attatacaac catgagaatg aaaatncatg tacaaataca tgcaacaaaa atctcacaaa   60

cataatattg gtgaaaagaa accagatacg annnnnnnnn nnnnnnnnnn nnnnnnnnnn   120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   180

nnnnnnnnac tggaagggaa tctgacgggg ggcttctggg gtgccgattg tatgcacgtg   240

ctccacttgt gaaaaatcat tgatgtgttt ctatagttac actttaataa aaagttaaac   300

aaaatgattt gcctctgtct ggatactcga ctcanaactg aaaaaaatgt ctnctttgct   360

ctcagccncn cactttggct acacnctcgt actggcattc tcagctcc   408

<210> 1079

<211> 476

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (132)..(465)

<223> n=unknown

<400> 1079
ctgctcttcc acgtgacaga tggcagagga gagaggtctc catgctgttc ttctgcctga   60

757

```
agccacgcca gaaccaccaa agggaaccag aaggggaact ccgtccccat ctctcaggaa     120

ataaggccag anctagaacc ccccannnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn     180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn     240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn     300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnctcttata     360

gtcctcaact gatcggatga ggnccactca cgttatgaag gataaactgt ttgttttact     420

tcaagtctac gggcttanat gttagttaca cagcgncatc tagancagtg tttgtt        476
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<210>   1080

<211>   342

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (138)..(337)

<223>   n=unknown

<400>   1080
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actacagttt tatccctaaa gtttacataa gcaagagttc agagtaatcg accctggtat      60

tttgattact taattttaaa tgggaagtaa atgtctcggg ccagcagtgt gcccaaggat     120

cctgaaaagt agagcaanaa ttgtccctga ctcaggggga ggnnnnnntt ngnnnnttnt     180

gnnactnnnn nactnnagcc ttganntctt actggntcca ggggttgnca gcttctagga     240

agacagcncc acagctcana aggtttcttc tccagccagc actgtgtctg tgtctcacta     300

ggaatggccc atcgctgcat ctcctcctgt ggcnctngtg tc                       342
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<210> 1081

<211>   469

<212>   DNA

<213>   homo sapiens

<220>

<221> misc_feature

<222> (179)..(179)

<223> n=unknown

<400> 1081
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gtgaggtgat gacgccaagg attgaactgg tggtggctcc agcaggtgtg acgttgaaag   120

aggcaaatga gatcctgcag cgtacaagaa agggaagctg cctatcgtca atgattgcna   180

tgagctggtg gccatcatcg cccgcaccga cctgaagaag aaccgagact accctctggc   240

ctccaaggat tcccagaagc agctgctctg tggggcagct gtgggcaccc gtgaggatga   300

caaataccgt ctggacctgc tcacccaggc gggcgtcgac gtcatagtct tggactcgtc   360

ctaagggaat tcggtgtatc agatcgccat ggtgcattac atcaaacaga gtaccccca   420

cctccaggtg attgggggga aacgtggtga cagcagccca gggccaaga   469

<210> 1082

<211> 305

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (77)..(77)

<223> n=unknown

<220>

<221> misc_feature

<222> (219)..(258)

<223> n=unknown

<400> 1082
tattccaagt atttaataca caatgacgca actgtgatcc caagtgtgca aagttaaagc   60

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cttcgactgc agctgangag aagggaggaa tggttcacct ggggacggtg gtgagtcagg       120

aatgacaggc aggcggccat gaccagggca gtctcctacc catggccagg acaggggag       180

cggcctgagg agcaggaccc aagggtagcc cagggccgng gaaggggca gagacctccc       240

cttggcctag gtcagganct cagaagtgcc acatggctga ggggcagcgg cccgggaagg       300

gccag                                                                    305


<210>   1083

<211>   304

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (39)..(267)

<223>   n=unknown


<400>   1083
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gggaagtggg gtgacccaaa cttggngaca taggttgatt gatcagagcc tcaggcttac       120

aagcaagagc tcatgcagat ccacagagcc atgcncatcc tgtcttcctg accttcctca       180

ggtggcacca cctgcgcccc atggancnc tgnatcggtg tcatgtggag gtctgatgaa       240

tcctttaaaa cctaactgtg atgtcgnaaa tgtaactgtg ctactttata tctactgaag       300

ggca                                                                    304


<210>   1084

<211>   543

<212>   DNA

<213>   homo sapiens


<400>   1084
tgagaatgag agaaacatat agcactgaag tgctgtgttt ccactttatt aaatcatcac       60

agtaaatcag aattaaagag taaaagaggt taactggaga gtcgggtggc tgccatcagt       120

ggagatgtgt gctttctcgg tgtggctgcc tgggccgcgg tgtgtcctgg tgcacacacg       180
```

                                        760

```
tctgcaaggt gttcccacca cctaggaagg aacctagatg tggagcatta ggaaaattaa        240

ataacaagag acagcaaaat aagaatcaaa tgacacgcta taacttaatt taccatattt        300

atcaaatttt ttccttattt acatgtacta aacattgtag acctgaaaac ataaggaaac        360

attcacttca tgtgtatgtc atatggacag actgagtgca actaaaacga tggttgtttc        420

atgttgaatt tccctcggat gcagacgctg cccttcagta gatataaagg tagcacagtt        480

acatttacga catcacagtt aggttttaaa ggattcatca gacctccaca tgacaccgat        540

aca                                                                      543


<210>   1085

<211>   288

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (24)..(24)

<223>   n=unknown


<400>   1085
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agaaagaggc cagtttaaat aggctttcaa gagtctaggg tcagaaaagc aatagtcact        120

aagctaggtg acctgaaagc tttaattttc atgacctgga tatgtggtct attgtatatc        180

tttttctgaa atggttgtat tcatttaggt tagatcaatc agcagatatt gggtccggta        240

taccaggtat tatttggggt aagctaacaa gtacaactca tgtttgca                     288


<210>   1086

<211>   229

<212>   DNA

<213>   homo sapiens


<220>
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<221> misc_feature

<222> (45)..(212)

<223> n=unknown

<400> 1086
aataacaagt ttaatattga aaatctgaaa aaggcaggaa gatangaaga agaaaaatat   60

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anccttaatt taggtcccat ttctggccgt ggtgncnttc cacgaattcc tcccccagat   180·

cttccangnt catatctgta ccactcantt gnacatatca tacactttt   229

<210> 1087

<211> 498

<212> DNA

<213> homo sapiens

<400> 1087
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accctgcacc ctccgggaag ccatggagtc tgctggaggc accatatcag cctgcgggac   180

tagggtgggg agcaaacagg ccagcggtgg aggtctggac agttcaagtg tgatgcagct   240

gtggcaagga gaaatccttc cgcctctggg cctcaggctg cctgtccata aaatggggac   300

atggccagct gacggacaac tgagtctccg gcccacctac cactgccact ccaggatccc   360

ccaaagtgtg cagagggctc agcagagaac agtatgggac cccctccacc aggcctggaa   420

cacctccagc cacaaagaag ccaaaggtca gtccctctgc tccccagcaa acggtgcctc   480

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<222> (16)..(73)

<223> n=unknown

<220>

<221> misc_feature

<222> (308)..(413)

<223> n=unknown

<400> 1088
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aggccctgtg ccttcacagg gatgaagccc tggcactgag aatgcctggg aggcaccgtt   180

tgctggggag cagagggact gacctttggc ttctttgtgg ctggaggtgt tccaggcctg   240

gtgaggggt cccatactgt tctctgctga gccctctgca cactttgggg gatcctggct   300

ggcagtgnta ggtgggccgg agactcagtt gtccgtcagc tggccatgtc cccattttat   360

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cacttg   426

<210> 1089

<211> 209

<212> DNA

<213> homo sapiens

<400> 1089
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ccctagaggg gcaaaagatg gagtgagcca caggaagttt ggggcgtggt gagttggaat   120

gatacgtcca tttctctatg aaatatttgc tactagactg ttcatttctc tctgacatgt   180

ttgttgaatg aataaataat ttgaaactt   209

<210> 1090

<211> 69

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (3)..(49)

<223> n=unknown

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tcaccacgc   69

<210> 1091

<211> 357

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (188)..(188)

<223> n=unknown

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gcaggacgcc gcctcttgaa gctgggtaac gttctccgtg acttcacgtg tgtcaacctc   180

agcgacancc ctcccaacct catggtcagt ggcaacatgg acgggagggt gaggatccac   240

gacctccgca gtggtaacat cgccctgtcg ctctccgccc atcagctcag ggtctctgct   300

gtgcagatgg atgactggaa gatcgtcagt ggaggcgagg aagcctggtg tccgtgt   357

<210> 1092

<211> 310

.764

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (92)..(307)

<223>   n=unknown

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gtgtcttggg gttgggggat tctataattt ggcctgtatg gtgtnantct ttgtgcatcn   180

gagctgntct ttgtggcctt cgtacaggt aggttntttg tgnatcgtct atgngtattt   240

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tcnttanatt   310

<210>   1093

<211>   424

<212>   DNA

<213>   homo sapiens

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tggtcctgct ggtcctcggg gaagccctgg tgaacgtggt gaggtcggtc ctgctggccc   120

caatggattt gctggtcctg ctggtgctgc tggtcaacct ggtgctaaag gagaaagagg   180

agccaaaggg cctaagggtg aaaacggtgt tgttggtccc acaggccccg ttggagctgc   240

tggcccagct ggtccaaatg gtccccccgg tcctgctgga agtcgtggtg atggaggccc   300

ccctggtatg actggtttcc ctggtgcttc tggacggact ggtcccccag gaccctctgg   360

tatttctggc cctcctggtc cccctggtcc tgctgggaaa gaagggttcg tggtcctcgt   420

ggtg   424

<210>   1094

765

<211> 435

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (58)..(62)

<223> n=unknown

<400> 1094
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tttctctttt gcccacaatt taagcaagta gatgtgcaga agaaatggaa ggattcagct   180

ttcagttaaa aaagaagaag aagaaatggc aaagagaaag ttttttcaaa tttctttctt   240

ttttaattta gattgagttc atttatttga aacagactgg gccaatgtcc acaaagaatt   300

cctggtcagc accaccgatg tccaaaggtg caatatcaag gaagggcagg cgtgatggct   360

tatttgtttt gtattcaatg attgtctttc cccattcatt tgtcttttta gagcagccat   420

ctacaagaac agtgt   435

<210> 1095

<211> 410

<212> DNA

<213> homo sapiens

<400> 1095
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tacctatctt ctgcttctag ccaagaaggc tcggggaaaa ccagttcgtt taaggctttc   120

ttctttctcc tgtggacaag ccagtgctac cccattcaca gacatcaagt caaataattg   180

gagtctggaa gatgtgaccg caagtgataa aaattatgtg gcgggattaa tagactatga   240

ttggtgtgaa gatgatttat caacaggtgc tgctactccc cgaacatcac agtttaccaa   300

gtactggaca gaatcaaatg gggtggaatc taaatcatta actccagcct tatgcagaac   360

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<210> 1096

<211> 527

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (479)..(482)

<223> n=unknown

<400> 1096
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gaagaaggac actgaaatct tctatcagtt tacttccttt ttatctccag gtatcattta   120

tcactgtgat cttaccaaag aggagctgga gccaagagtt ttccgagagg tgaccgtaaa   180

aggaattgat gcttctgatt accagacagt ccagctcccc aagggtactg agtcttccag   240

aaactgaatc actggttgat tgatgatgac gaagaatgtc tctgttcctt tgcaatgaga   300

ggtcaccaat agggcaccag gtgtttatca aggcccctcc cacctggagg ctggaccac   360

acaggccaca gattaggaat cagaacattg tttgtgaagg aagatgagaa taaagagcgc   420

tggatgttcc ccacaatgtt tctgtgaaac tagggcatta ttatagcttg gtgaattanc   480

cntcaattgt ctagaaatgg tctagatgat aggtacatct agttctg   527

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<211> 370

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (160)..(367)

<223> n=unknown

<400> 1097
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taataatccc acaggaatcc taaaaaacag atactatcaa tctctacttt acagttgaaa   120

aaactgtggc agaaaggtta aatgacttgc cccacgtggn tttcagggct gtctgacaga   180

gcttcttgac cctgtatgtc ttctcggccc ngtatgtcta tcaagaatgt tgtacttta    240

aatgcnattt acatagatga agattctgca aacttttct taaagggcat atattaaata   300

tttcagggct tctggggaca tagagtttct gttgcnacca ctctaagtgg cnaagcaacc   360

acaggcnata                                                          370
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<210> 1098

<211> 333

<212> DNA

<213> homo sapiens

<400> 1098
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aggtgtgcgc aggactttag ccggttgaga aggatcaagc aggcatttgg agcacaggtg   120

tctagaaact tttaaggggc cggttcaaga aggaaaagtt cccttctgct gtgaaatatc   180

tggcaagagg ctggagggcc caatggctgc aaaatcgcaa cccaacattc ccaaagccaa   240

gagtctagat ggcgtcacca atgacagaac cgcatctcaa gggcatgggg ccgtgctggg   300

aagtggactg gttttcactg gcgagcgtca tct                                333
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<210> 1099

<211> 327

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (286)..(313)

<223> n=unknown

<400> 1099

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ctcattccgt gaagagatcc acctgcgacc tcgggtcctc agaccagccc aaggaacatc       120

tcaccaattt caaatcggat ctcctcggct tagtggctga agactgatgc tgcccgatcg       180

cctcagaagc cccttggacc atcacagtgc cgagcttcgg gtaatcttac ggtggaggat       240

tcccagccat atgaagacac cctagctgga cgatcagtcc ttgtcnaaag tctgacccct       300

caaactctac agnctcaatg gaccaga                                           327
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<210> 1100

<211> 451

<212> DNA

<213> homo sapiens

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<221> misc_feature

<222> (210)..(431)

<223> n=unknown

<400> 1100
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tccctgttgc taagccgatg atacattacc cttttcccat aggtgtgagt ggcggtctga       120

atggagaagt tcaatagttc tgattgcaga tcctatgcag aagagataat aaggaaaata       180

atctttgtct cctggattaa gctgaggctn gcaaagagtg aaatgtccca agccctctaa       240

caacaaacaa catactttgt ggtgtcctgg atgctggtct ggntgccaaa tatgtggaac       300

tgggccccat atgcgtggta ctgttggtcc atttcatgag agtangcttg angacaccat       360

gggcaangat ctgatggttg ccagcctaag cgttttagac ttttgaccca gagatttttg       420

gtttgggtgg nggaaaaaat ttagaggata g                                      451
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<210> 1101

<211> 392

<212> DNA

<213> homo sapiens

<220>

<221>   misc_feature

<222>   (304)..(373)

<223>   n=unknown

<400>   1101
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tatgagatga tgttcatgtg cttccttgaa accaggtgga aagaaagggg aagaattaat   120

tttctcattc tgttgctgtt gaacgtaatg taatcttaat actgtagcct tcctagaagc   180

ccttccctct ttttcatgct gtaaagtcaa atatttgata tccttaacat aaatttttaaa   240

attaaggtca taggaagcaa atgtctattt ccaaagcaat gagcttgttg tgactgtgat   300

ttantcttct atagtatttt ttcctcattt aattgagagg agaaaataat actcctttgc   360

aatatcctta ggntctcccc tttccccctg gt   392

<210>   1102

<211>   240

<212>   DNA

<213>   homo sapiens

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<221>   misc_feature

<222>   (149)..(239)

<223>   n=unknown

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tgctaaaaaa atcaaaacag aagtaataca attttaattt caatatttta aaatacagaa   120

attggaaaga atactaaata caactttana caagtcactt gtcctcccct atnataatca   180

ntgtaagcta ctnanagggt tacnaatttg aagngaggca ganacggngt aaatacngng   240

<210>   1103

<211>   493

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (388)..(476)

<223> n=unknown

<400> 1103
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actgtggcca tcatgaagat gctggtgtca tctgctcagc tgctcagtcc cagtcaacgc   180

ccaggccaga tacttggctg accaccaact taccggcatt gacagtagga tctgaatcca   240

gtttggctct gaggctggtg aatggaggtg acaggtgtcg aggccgagtg gaggtcctgt   300

atcgaggctc ctggggaacc gtgtgtgatg acagctggga caccaatgat gccaatgtgg   360

tctgcaggca gctgggctgt ggctgggnca tgtcggcccc aggaaatgcc cggtttggcc   420

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ggagtgcccc cac   493

<210> 1104

<211> 442

<212> DNA

<213> homo sapiens

<400> 1104
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gacgtcaggt ctatgggcca tccaggtcag aactctcttg acctcaccct gcaacgggtc   120

ctccaaggac catgagcctt gggggaggcg ggaaccaggt ctgattcaac tccgtatgac   180

caggtgcagc acaatgtagg gctcaatctg agttggaata tgacaccaag aggaacatcc   240

caagtccccg agtcaggggt ctgcgccccg gtggacagtg gggtctgaga gcgaccacct   300

accgaggctc ctcttctcgg cgtggggggg tctgcagctg gatgggaccc aggacgaggt   360

ccacctttc ctggtaggag cccacatccc tcttcgacct caacacacag cctcggtagc   420

agcgggaaga ggggtcatac gc   442

<210>   1105

<211>   574

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (549)..(560)

<223>   n=unknown

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agggctgcaa tgccaccaga gaacgtgatg tcagacacca tctgtagtga gcagcgcacc   120

agatgtagcg tgctacagtc agctttagct ctcaagagtc gtatgtaact gtcccagact   180

cctctgtcag tttcagcaac tacaagggat accctgcgaa agtaccatga gaaatatcag   240

agtaaaactt tctagaacag tacaaggtta aagaggtgag gtgacgggaa atacacagca   300

tagctttgaa ataatgacaa ccaaggacat gaccattaga acagcatgtg cagatcttaa   360

tcatcccagt tcctaggcaa cttgttcacc aggtacgcaa gggccgaata gttgagaatg   420

gacatttta cctactcctc ctagcccct atccccagta acagtgatcc ttttcttatt   480

gtgatttatt tcctaattct tgctgagttg actttccctt gtaggaaaag aaaaatattc   540

aaatagaanc cacctttta ttaagtatga agca   574

<210>   1106

<211>   431

<212>   DNA

<213>   homo sapiens

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gggataatta gttaactcca acaatgtgag ttgttttatg tgtatatcag atgacaatat   120

tttctgaaaa aatacccata attcactctc tataaataaa gctgtaattc ttggctataa   180

772

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gacagcagac cttggtgtga gtatagtccc agaattaatc atcctttgtg catacaactc      240

tttagcaaag cttatcaatt taagcagtct actttggctc agattctacc agcttacagc      300

tcagatcagt atctgatgct ttatttaatt cctgctcagt atatgctaat ggagacactt      360

tggaatcatt ctacaccatt gaaagataat tcatttttta aaaagtaaca gtgcttcata      420

cttaaataaa a                                                           431
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<210> 1107

<211> 441

<212> DNA

<213> homo sapiens

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<222> (432)..(432)

<223> n=unknown


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ccaaacacag gtttggtgga agatttggac aggacaggac ctctttcaat gacaacgcag      180

cagagtaatt ctcagagctt ctctacatca catgaaggct tggaagaaga taaagaccat      240

ccaacaactt ctactctgac atcaagcaat aggaatgatg tcacaggtgg aagaagagac      300

ccaaatcatt ctgaaggctc aactacttta ctggaaggtt atacctctca ttacccacac      360

acgaaggaaa gcaggacctt catcccagtg acctcagcta agactgggtc ctttggagtt      420

actgcagtta cngttggaga t                                                441
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<210> 1108

<211> 420

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (398)..(398)

<223> n=unknown

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attctgcagg ttccttgtct catcagctgt cataaactgg tctggagttt ctgacgactc   180

cttgttcacc aaatgcacca tttcctgaga cttgctggcc tctccgttga gtccacttgg   240

ctttctgtcc tccacagctc cattgccact gttgatcact agctttttct tctgcccaca   300

ccttcttcga ctgttgactg caatgcaaac tgcaagaatc aaagccaaag gccaagaggg   360

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<210> 1109

<211> 496

<212> DNA

<213> homo sapiens

<400> 1109
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ttaaagccac agggaagaag gaagatgaac atgttgttgc ctctgacgcg gacctggatg   180

ccaagctaga gctgtttcat tcaattcaga gaacctgtct ggacttatcg aaagcaattg   240

tactctatca aaagaggata tgtttcttgt ctcaagaaga aaacgaactg ggaaaatttc   300

ttcgatccca aggtttccaa gataaaacca gagcaggaaa gatgatgcaa gcgacaggaa   360

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<211> 538

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (428)..(504)

<223> n=unknown

<400> 1110
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gagcaattcg tgttctttat cggttttccc aacagcatca ggatttgaga gtgggtcgag   180

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cgaggcctgt aagtctttca tattttggtc taaaagctgc gaaggaagga aacctgagcc   300

tgtctgggcc ttggggtctg gctctcccag ggccatagtg ggcactggct ccttcacttg   360

gccgtctcca aacacagcgg cccactcttt gctgaactcg ccctcttcca aggaggaagc   420

attgaagntc tcactcaaca gcagcaggtc atctttgtca gcacttcagg ttccgggggn   480

cctgccactn gtcccaagca agcngctttc tcagattcat gtcctaatag gttcatcc   538

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<211> 461

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (130)..(130)

<223> n=unknown

<220>

<221> misc_feature

775

<222> (422)..(422)

<223> n=unknown

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tcaaaatgan aatttacaat ggaaggacaa gaatgtcata ttctcaagga aaaaaggtat   180

atcacatgtc tcattctcct caaatattcc atttgcagac agaccgtcat attctaatag   240

ctcatgaaat ttgggcagca gggaggaaag tccccagaaa ttaaaaaatt taaaactctt   300

atgtcaagat gttgatttga agctgttata agattaggat tccagattgt aaaaagattc   360

ccaaaatgat tctggacact agattttttt gtttggggag gttggcttga acataaatgg   420

anaatatcct gttattttct tagggtactt gggtagtaaa t   461

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<212> DNA

<213> homo sapiens

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<222> (13)..(13)

<223> n=unknown

<220>

<221> misc_feature

<222> (145)..(295)

<223> n=unknown

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tgcaactgtt caagtacact gggaacagtt ttaaggtaca cctgcagtac aataggagaa   120

gcatgagtgg ataatctaaa cacangatca taacagtgat acgctgcaac acctctgtga   180

nttccattan ccaagttctg tcattaaaac atagnaaact actgctcctc aaaatanaag   240

ttttaggaga caaaaatccc tncgtagtgg actgttttcc nagcagagct cctantgt   298

<210> 1113

<211> 324

<212> DNA

<213> homo sapiens

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<222> (41)..(41)

<223> n=unknown

<220>

<221> misc_feature

<222> (240)..(240)

<223> n=unknown

<400> 1113
tgccgttgtt ctgggtacta cagcagaagg gtatgcggaa ngagcacccc agtctgagat   60

ggctcctgcc ggtgtgagcc tgagggccac catcctctgc ctcctggcct gggctggcct   120

ggctgcaggt gaccgggtgt acatacaccc cttccacctc gtcatccaca atgagagtac   180

ctgtgagcag ctggcaaagg ccaatgccgg gaagcccaaa gaccccacct tcatacctgn   240

tccaattcag gccaagacat cccctgtgga tgaaaaggcc ctacaggacc agctggtgct   300

agtcgctgca aaacttgaca ccga   324

<210> 1114

<211> 510

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (10)..(497)

<223> n=unknown

<400> 1114
aaataaccan ctatggttcc gcattcaaac agaanttcag gtgcttgcat cnntcangta   60

ttnttcaaan atcacaagca tctgtggaaa aaactaaggt attacagnca ctacacggan   120

gtcatnttct tacattcang ncactaanta cnnaccgaag gcaatgcaaa aatgtntact   180

ttaattttan nncccaattt ttntnctcaa cttgaaaagg gancactttt ttgnttcacn   240

aacaagctgg tcggttggan ttctttttgg aacagtagtc ccgcgctaaa cactggttct   300

tgcctcncca ccnccattct ctaaaatnnn cccagcnaac tgggaggtgc atttntgccg   360

cngcaggctt ctactgntca ctccatgcag cacacttana ccaaggagaa acggctgcnt   420

tncagctcaa agtcgnctca ttagaagana aggtgggnga ctgggggtga cacatcgctg   480

attcgtccgg ggttgtnatc tgctgtggct   510

<210> 1115

<211> 397

<212> DNA

<213> homo sapiens

<400> 1115
ctcagcacct ggatactctt cagagaactg caaacaaaga aagtggaggt ggatatgagc   60

ccccacttac aaatgtcttc acgatgcagt ggtttctgac tctctttgcc acatgcctcc   120

ctaatcagac cgtttttaaag atctgggatt cagtcttctt tgaaggttca gaaatcatcc   180

taagggtgtc gctggctatc tgggcaaaat taggagagca gatagaatgt tgtgaaacag   240

cagatgaatt ctacagcacc atggggcgcc ttacccagga gatgctagag aatgatcttc   300

tgcaaagcca tgaactcatg cagactgttt attccatggc tccgttccct ttcccacaat   360

tggcagagtt gagggaaaaa tacacctaca acattac   397

<210> 1116

<211> 373

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (348)..(348)

<223> n=unknown

<400> 1116
cgtcagttag caagtagctg ggaaaacagc cctgttctaa ctcctattat aaaacttcca   60

gttcccattt tttatgggct gttgctcatc cctgaaccta ttcattttca ctggacaaat   120

aaaactcttt tagagccatt cagctgcaac ccttatacta ctgtgaaaag gtgagtccag   180

atacaaagtt tcggggagac atcatcgttt tttagtgcca ctgtttccac cgccgggttt   240

gctgaagctc ctactcattt gaggaaagtg cacagttggg gttctttctg tagggccata   300

taatcccaag ttcctggcag tagcagattt ccgcagggct tgacgctngg aaaagggcta   360

aagatggggt ttt   373

<210> 1117

<211> 417

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (323)..(373)

<223> n=unknown

<400> 1117
caaacctgtg atctagtcct tgtcttgtaa ttgtggatta atgtcaatgt taatcagccc   60

ctcaaaggga gagaaaagct ggaccttttc ccttgctgta ccatattcag catttgattt   120

ccatgggccc caccatttat gtgtagaatt tgaaatggtt gtcacctctc tctgaggaca   180

gagcttgaag cctccacacc agctgctgct ggagattcaa agcccaactg tgggtccgag   240

agggaagctg gctgggctgg ctgaagaatg aagaccactg gactctccgt taatctctaa   300

```
ggggtctgct cccccaggaa cgnttctgaa caatggggac tttgttggta gccattggta      360

gatgtccttt tcnaatttat aagtgactta aactttcccc tggctgttaa gaagttt        417


<210>  1118

<211>  594

<212>  DNA

<213>  homo sapiens


<400>  1118
cccggggttg tgggcacctt gctgctgcac atataaggcg ggaggttgtt gccaactctt       60

cagagcccca cgaaggacca gaacaagaca gagtgcctcc tgccgatcca aacatgagcc      120

gcctgcccgt cctgctcctg ctccaactcc tggtccgccc cggactccaa gctcccatga      180

cccagacaac gtccttgaag acaagctggg ttaactgctc taacatgatc gatgaaatta      240

taacacactt aaagcagcca cctttgcctt tgctggactt caacaacctc aatggggaag      300

accaagacat tctgatggaa ataaccttc gaaggccaaa cctggaggca ttcaacaggg       360

ctgtcaagag tttacagaac gcatcagcaa ttgagagcat tcttaaaaat ctcctgccat      420

gtctgcccct ggccacggcc gcacccacgc gacatccaat ccatatcaag gacggtgact      480

ggaatgaatt ccggaggaaa ctgacgttct atctgaaaac ccttgagaat gcgcaggctc      540

aacagacgac tttgagcctc gcgatctttt gagtccaacg tccagttcgt tctc           594


<210>  1119

<211>  585

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (104)..(139)

<223>  n=unknown


<400>  1119
ctcgaggtac aaatgaacat gctccccacc ccactctgag ttttttgcag aagcagcagg       60

acatggctcc tctgctaaaa taaatacagt tcacactcca ggcnnnnnnn nnnnnnnnnn      120
```

```
nnnnnnnnnn nnnnnnnnng tctcaatggg ataaaaatga gaacacaacc gcacaaggcc    180

aaatgggagc tgcacatttc agaaattaga taattaacaa ttcatctgat gccgcaggaa    240

aaggtgaaat gcttctggtc ctggaatgtg tgagagatga cccagaggtt tcagaagttc    300

tgctgttttt gatgtcccga ggctctgtgg tgagaaggcc cagagaacga gctggacgtt    360

ggactcaaaa gatcgcgagg ctcaaagtcg tctgttgagc ctgcgcattc tcaagggttt    420

tcagatagaa cgtcagtttc ctccggaatt cattccagtc accgtccttg atatggattg    480

gatgtcgcgt gggtgcggcc gtggccaggg gcagacatgg caggagattt ttaagaatgc    540

tctcaattgc tgatgcgttc tgtaaactct tgacagccct gttga                    585


<210>   1120

<211>   306

<212>   DNA

<213>   homo sapiens


<400>   1120
cttgtaccag gcgagctctc gcctttgcta gcaaaagagc tcctctcttc ccaaaccctg     60

ctactacgct gtccaccctg tatggtctta ggtctttgag gtttttttgg aattcacttg    120

ctggagacta cagctcacag aacgccctgg gctggattgt gccagctgta gttcgcgaac    180

caaggacatt tcctggaaat gcatgcggcc acgtatctgt gacagaaatg gcagttctca    240

cgtgcgttac gtcccctgga aggacttgga aatacggaac ttgagtgagc actgagagga    300

cacaga                                                              306


<210>   1121

<211>   377

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (97)..(97)

<223>   n=unknown
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<220>

<221> misc_feature

<222> (346)..(346)

<223> n=unknown

<400> 1121
caagaatgga agaatgggta aagtctacag tccatttcta gactggtcat gagactcatg   60

tttatgatga tggacttttg atctggtgga gggaccnaaa ccttccagtt ctgaagctca   120

ttagtggtcc tacctgtgtg acaggcattt actattggac tggcagtccc aggacaaact   180

ccaggaatcc ccccatgtcc atctctactc ctgccctctt ttacgtagca gcaatcatat   240

tttcccttga tagggttcat cattctagat actccgatga cttctttata atgagcctga   300

agtggcctgg tggctgcctc agcttccagt tcagttgaat agctantacg tctttgagga   360

tgtgcccctt gctgggg   377

<210> 1122

<211> 497

<212> DNA

<213> homo sapiens

<400> 1122
attctacatt ctacgtaaaa gctcaaatcg ccagatactg ttattactat tttaggaggg   60

cttggctaat acaaatctgg accaaatgtt ggcccatgct aaattatatc aaaagaccaa   120

acatccaaga aaggcaggaa ttcaaagatt tcagaagata aaaatgcttg attgggtccc   180

tggcatgcaa ccagcccatc aacccctca ctgccctctg gcaggaccca gaagatgagc   240

tcccttcttg ccacgagaaa tacattcatg aggctctgct gattttcctc tctaggcctg   300

ggaggctgct tgaaagagct gctgtgaacg tgggctccct gatctcagca acagagatag   360

acagaaggaa caaaataggg cgctcatcgt aagggatagg ggcatggaaa ccagacctcg   420

agctgtgggt cccaggaatg aaaaaggcca gacgcccta agatatgggc tagtaatgac   480

cttaactaaa gacttct   497

<210> 1123

782

<211> 626

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2)..(47)

<223> n=unknown

<220>

<221> misc_feature

<222> (205)..(205)

<223> n=unknown

<220>

<221> misc_feature

<222> (597)..(597)

<223> n=unknown

<400> 1123

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gnagaggggt gagattctgc tggaaacaag tcaattggct aaaatantct tttaatcaca      60

ttttgtggac catcttctgc ttagttttgc tcttttatgt ttttatttgc ttgttcatat     120

atacatacat taacctgcaa caactagaag aacatttacc aaaatattaa ccaacagtga     180

ctatcttttg atgtggtggg tttangggag gaagtatgtt tttctgtgtt gctccaagtt     240

tttctgtttta aagcatgtat tttgtaatgt ttgggggaaa ccaaatccat caaaataaag     300

tgcaagtttt gtaacctgaa ccactcattg aggtacagaa ttgaaatgta tttagatgaa     360

actcacaggt atttttcctt ggagaatgtg gaatatttta tctatagtgc agctgtgctg     420

tcatttatgc catttttccc tcctcattgt gattcttact gtttggggtg aaagatgagt     480

agtatttaaa gcccgtaatg tgtgtgagta cacacgtgac atcttagtaa gattcatttg     540

tgtgagaaat aagggaattt aggcttttgg ggtacattgt ttcaaaacat gtaatangtg     600

accaaaatcc agttgttaga ttgtag                                          626
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<210> 1124

<211> 477

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (466)..(466)

<223> n=unknown

<400> 1124

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gcacatgcca ccctgctggc tttcaccaaa cttttattta atcagggcta tcatgtaagt        60

ataaaaaagt ttcattccag gcagactaca tacaaatcta aacaaactgg atttttgtca       120

cctattaaca tgttttgaaa acaaatgtaa cccaaaagcc taaattccct tatttctcac       180

acaaaatgaa tcttactaag atgtcacgtg tgtactcaca cacattacgg gctttaaaat       240

actactcatc tttcacccca aacagtaaga atcacaatga ggaggaaaaa atggcataaa       300

tgacagcaca gctgcactat agataaaata ttccacattc tccaagaaaa aatacctgtg       360

agtttcatct aaatacattt caattctgta cctcaatgag tggttcaggt tacaaaactt       420

gcactttatt ttgatggatt tggtttcccc caaacattac aaaatncatg ctttaaa        477
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<210> 1125

<211> 509

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (30)..(30)

<223> n=unknown

<220>

<221> misc_feature

<222> (485)..(485)

<223> n=unknown

<400> 1125
aagaagcgga aaaagagtcc agaaaagggt cgtgcagcac caaagacgaa gaaaatcaag   60

aattctccct ctgaagcaca gaatttagat gagaatacaa ctgagggctg ggaaaatcgg   120

ataagactat ggactgacca gtatgaagaa gctttcacta atcagtacag tgcagatgta   180

cagaacgcgc ttgaacaaca cctacattct agcaaggaat ttgtgggcaa acctactatt   240

ttagacacta ttaataagac tgaattggcc tgtaataaca cagttattgg ttcccaaatg   300

cagttacagc tgggaagagt cactcgtgtt caaaagcacc ggaagatcct gagggctgca   360

agagatttgg ctttggacac tcttataata gagtatcgtg ggaaagtcat gttacgacag   420

caatttgagg tccatgggca tttcttcaaa aaaccatacc cctttgtgct cctctactcc   480

aaattcaatg gtgtagagat gtgtgtgga   509

<210> 1126

<211> 147

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2)..(81)

<223> n=unknown

<400> 1126
anggccncct gcngagnanc naagntctnc tggtcatcta taacctcttc tttctcttct   60

tctggttttt cttctggatt ntctacttcc tcatgatcac tggatacagt tacttttct   120

ggaacttctt gtgattgctg gtcatta   147

<210> 1127

<211> 556

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (30)..(30)

<223> n=unknown

<220>

<221> misc_feature

<222> (485)..(485)

<223> n=unknown

<400> 1127
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ctcgcccccg actgtggaga agtgtccggn gtagccccgt tacaggtatc gctggctacc      60

ctcctccttc gcccctcctt tcctcctttta cattcaaatc aagtcggggt tgaatttcga     120

gaggggagtc cgaggacctg gggcctgatt tcttttttctc tcgccatgct tcttcgggct     180

gtgtacatgt gtggtggtgc ctgagaggcg atacagggaa tggctacact cttttactcc     240

cgcccctggc cttcgtagta cccttgaagt gatccactag tcgtaacccc tccttccatc     300

aatgattcaa ttggagaagt ttagaggagt ggaaagactt gtcccctttcc cccatcgcaa     360

gcttggtcac agagtgtatt gccaacccat gtatccagac gtcagtctaa gggctcttgg     420

ccctgggtag cgttttgaaa agggctggtt atccttaagt actgaagatt gataaagccc     480

acttncttac ttaaaagaat atgccctgaa atgtgttttc tgtgccactg acaccagaaa     540

tgccaattag aagaag                                                       556
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<210> 1128

<211> 499

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (111)..(496)

<223> n=unknown

<400> 1128
tccagcaata caaagtgttg cattagtacc accaaaacca aaggaattgg tgaggccaat   60

aaatctttc tcagttttcc attcctgtgc ctttagtgga acatagttga natcaaattc   120

tggttcngaa caatccangt ttaaagtagg tggtagtttt tgntaataan aagctaatgt   180

ggtnnaagct gnctngactg cncctgcagn tcccagcaga tgtccngttg ctcccttagt   240

tnagganact gcaagggcat atgcatggtc tttgangaga ngtttgatag ctttgttttc   300

ancngcatct ccnaanggtg tngaagtagc atgtgcattg atagaggata nctcctcagg   360

ctgcacanct gcatctttta aagcagcagc natacacctt aaggcaccnn cnccttcang   420

atcaggggca gttatgngan cagcatcacc ngagaatcca taggccaaaa cttctncata   480

gntccgggct cttcnntga   499

<210> 1129

<211> 273

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (198)..(242)

<223> n=unknown

<400> 1129
ggttgaaacc atgaatgcgg aacccacaga tatggaggac tgactgtatc ttacacacag   60

aaccaccta ggctccaaac gctccaagtt acccagagag aagtgtcttt gtctgttctc   120

tcagatctgg gcagcaaatg attctaaagg gactaagaga aaatattgca gtgttggtag   180

cagacattaa ctgagcgngt tagtgccagg ccnagcacta agcacttnat cagttttttt   240

tncctcattt tatcatcaca ttaatgctgt gca   273

787

<210> 1130

<211> 510

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (154)..(230)

<223> n=unknown

<400> 1130
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gtttagccag tctgtcctcc atcacgtgga agatttgttt gattctctct gaatccccag      60

cacctggcct gggcctgata ttacctgtta aacagatgta cgcttttctt ttcttttttt     120

gctgggggaa ggggatggag tttcgctcgt cacnnnnnnn nnnnnnnnnn nnnnnnnnnn     180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ctgcacagca     240

ttaatgtgat gataaaatga gggaaaaaaa aactgatgaa gtgcttagtg ctaggcctgg     300

cactaagagc tcagttaatg tctgctacca acactgcaat attttctctt agtccctta      360

gaatcatttg ctgcccagat ctgagagaac agacaaagac acttctctct gggtaacttg     420

gagcgtttgg agcctagggt ggttctgtgt gtaagataca gtcagtcctc catatctgtg     480

ggttccgcat tcatggtttc aaccctcgag                                      510
```

<210> 1131

<211> 370

<212> DNA

<213> homo sapiens

<400> 1131
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aaaggatggc tggtcaccta gagtatctat agggataaaa gtatagctaa aataacctac      60

attttaggtg gagataatac agctgcctaa gcttaggtga actgcttttt gaatcttagt     120

ttgctccttc ataaaattgg attaatataa taccaatttg gcagagtttt caaaaaaaat     180

gatgccacat cctgtgtttc caaacagcct tacctttcaa aactcttttt ggaagctgta     240

aagataatca agtgatacct gccattatgt aaaggaattt tggaatccgt ctttggggaa     300
```

```
ataaaagcca taagagagat gaaagctaat actttgtagt taaggatttt ttccttgatg      360

tatctaattg                                                             370


<210>  1132

<211>  576

<212>  DNA

<213>  homo sapiens


<400>  1132
ctgggttcca tgttgcaact tagataagaa aagattcttg tgagacctaa aataaaacag       60

gaaagtttgt aattggctcc agaaagatag taaggcaatg gaaaacaggt aaatgatttg      120

ccttaatctg ttctaggatc ttctattaat actttggcct acttcctttg gtgctctccc      180

tgcttagtac cccatcttaa cctgtggcct cttaagattt ctgttgcctg tctcatcttt      240

ctccatctca tctactccgc agaaatcaag atgttttttg atgtctcaga agaagcaggc      300

aaaaaaaaga aaagacaaga ctctttcggc cttccaatta gatacatcaa ggaaaaaaat      360

ccttaaacta caaagtatta gctttcattc tctcttatgg cttttatttc cccaaagacg      420

gattccaaaa ttcctttaca taatggcagg tatcacttga ttatctttac agcttccaaa      480

aagagttttg aaaggtaagg ctgtttggaa acacaggatg tggcatcatt ttttttgaaa      540

actctgccaa attggtatta tattaatcca atttta                                576


<210>  1133

<211>  572

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (506)..(564)

<223>  n=unknown


<400>  1133
ccttgaaaca gcttcatgag tttgccatca cagagccatt agtcactttc caaggagaga       60

ctgaaaacag agaaaaagtt gccgcctcac caaaaagtcc cactgctgca ctcaatgaaa      120
```

789

```
gcctggtgga atgtcccaag tgcaatatac agtatccagc cactgagcat cgcgatctgc    180

ttgtccatgt ggaatactgt tcaaagtagc aaaataagta tttgttttga tattaaaaga    240

ttcaatactg tattttctgt tagcttgtgg gcattttgaa ttatatattt cacattttgc    300

ataaaactgc ctatctacct ttgacactcc agcatgctag tgaatcatgt atcttttagg    360

ctgctgtgca tttctcttgg cagtgatacc tccctgacat ggttcatcat caggctgcaa    420

tgacagaatg tggtgagcag cgtctactga gactactaac attttgcact gtcaaaatac    480

ttggtgagga aagtagctca ggttantgct atgggtaatg caccagcnag caaatattta    540

tgtttngggg ttgaaaatcc aagntattaa cc                                  572
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<210> 1134

<211> 439

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (97)..(417)

<223> n=unknown

<400> 1134
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aagcatgtta gaaaacctga agaaatttaa aagtttttgg tttacaaaaa gcatgtataa     60

aaatacctgt tcagacaaac aaagatctga tcattanatt gcccagcttt aagaatgcca    120

aaaataacta aaatactgtc aatcaaatga gagggctaca tgggtntatt aaagtttatt    180

ttaacaattt tagctaagca gaatgtgcta atgtaattca agttacagtt actgccagat    240

aacataagag anaacattgt gtgtggccac ttaagattat gcctcaaaca gatactgttt    300

cgtgcgcaga acagagttgg ggaacacagc tgggntaagn ttcaatggta agcagcncta    360

aagatcaaga aaatccccaa cttttctant aaccgctata ccntatgnna nncaanntag    420

tatctatcac cacactctt                                                 439
```

<210> 1135

<211> 374

<212> DNA

<213> homo sapiens

<400> 1135
agcgaaggaa gttatctgct gggaacactt gcatttgatt taggaccttg gatcagtggt   60

cacctcccag aagaggcacg gcacaaggaa gcattgaatt cctaaagctg cttagaatct   120

gatgcctta ttttcaggga taagtaactc ttacctaaac tgagctgaat gtttgtttca   180

gtgccatatg gaataacaac tttcagtggc tttttttttt cttttctgga aacatatgtg   240

agacactcag agtaatgtct actgtatcca gctatctttc ttggatcctt ttggtcatta   300

tttcagtgtg cataagttct taatgtcaac catctttaag gtattgtgca tcgacactaa   360

aaactgatca gtgt   374

<210> 1136

<211> 396

<212> DNA

<213> homo sapiens

<400> 1136
aactgggttt tccttttac actgatcagt ttttagtgtc gatgcacaat accttaaaga   60

tggttgacat taagaactta tgcacactga ataatgacc aaaaggatcc aagaaagata   120

gctggataca gtagacatta ctctgagtgt ctcacatatg tttccagaaa agaaaaaaa   180

aagccactga aagttgttat tccatatggc actgaaacaa acattcagct cagtttaggt   240

aagagttact tatccctgaa aataaaggca tcagattcta agcagcttta ggaattcaat   300

gcttccttgt gccgtgcctc ttctgggagg tgaccactga tccaaggtcc taaatcaaat   360

gcaagtgttc ccagcagata acttccttcg ctctcg   396

<210> 1137

<211> 137

<212> DNA

<213> homo sapiens

<400> 1137
caaaaatgtt attgttagcc tgtcacattg gcctgtgtgc tcttcctcaa acactctaag   60

cctgctagca cttcatggtc ttcactttca ttcccactgc cggcagtgcc cttccctcag   120

agattctttc tgtcagg   137

<210> 1138

<211> 591

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (579)..(579)

<223> n=unknown

<400> 1138
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taacaggcct tgcttgaaat gatcagagcc agagaatgtt ggagagagga tcttaagtag   120

aaatgcctca gccagacaag caacaattac ttttgtgaaa taagaaaagc aattgtgtaa   180

ctttcttcct tgtccagtta ctaaggatgg ttttatttac acctttagca tttcatttca   240

agaagttgat attaaagaaa tcctcatcat aataataacc catggagtaa tgcatgtcaa   300

ctctgcaaaa ctagaacgta gccactttaa atatacttaa cacatgacag cattctcagt   360

cttggtttct tcttgcagat gaagttgaaa ggaagctcaa tccaactctc agacaaaaag   420

ctttgtcaga tatgccaaaa tcccttttgt gagcctgtgt ttgttagata cccaaatggt   480

ggtcttgtgc acacccactg tggccgccag cagacacaca aaccccagct catccagtcc   540

tggcactcgg acttgaaaag cttggcccaa gggtgcgang gggactccga g   591

<210> 1139

<211> 274

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (7)..(23)

<223> n=unknown

<400> 1139
aactctncna nnttnctgtt ttngggattt ttaggggttt tccatgtaca ttcatagagc   60

ctggtcattc catgtacatt catagagcct ggtcagcagc gaggagtcct tgttgcgtat   120

ggacggaagg ctccctggca cccagatgtc tcccttcgtc ctgggctgac acagagcatg   180

gtggtcatct gctcttcatg tccagcaggc tcagaaagaa ctcggagttc ccctcgcacc   240

cttgggccaa gcttttcaag gccgagtgcc agga   274

<210> 1140

<211> 608

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (530)..(530)

<223> n=unknown

<400> 1140
atttattcat ctatcgatgg acacttggga ctatatgctt ttatttaaga gcattttaat   60

aaacatcagc cttacccggt tgatgaacaa aacagcatca ttctcattaa ggagagaaag   120

cagcagattt tcccgaacag aacttctgcc ttcagctttc tggcataccc taaagcagtt   180

tcctacagtt catgctctga cccgaattta atactcctat ccagcctggc ctcaggttag   240

aatcacacat gtatcttgca actacttgcc gctaaacccc agcttaggct gaaccctttc   300

ttgagagcag agactattgc tcacactgta actagcatgg tgcctgattc ccactagggt   360

ctcagaatta ttcattaaac gagtaagtat caggtactaa aactgtgcca aaatgtaaag   420

acagaaacaa ttactaataa attgttactc tattattatc agcgagaata cttttaaaag   480

acaaatccac tggaaaacca ctcatgacac tgatgatgct aagaaagggn taaactgcta   540

cttgaaaggc atgtgagaga atgtgtgtgg tggggacaga gttgaggaat gcaattcaca   600

gtatttgc   608

793

<210> 1141

<211> 283

<212> DNA

<213> homo sapiens

<400> 1141
agaatttagc tgttttttat ttccattaaa ctaaatttga atgacagttt aaacaaacta   60

tttgtatggg ctgatgccta gggtttttagt caagtaatcc agaggctgtt actatttatt   120

tctgactcta cataaacaat attgtactct taactatgaa ggatgacaaa ggatttgctt   180

tccactgagc aagtgtcatt aggaaagctt ctatgatgaa ttatctcttg aaactatttta   240

ctgtacctct gcctgccata tgcttttttat ttttttttcag gcc   283

<210> 1142

<211> 480

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (163)..(163)

<223> n=unknown

<220>

<221> misc_feature

<222> (282)..(282)

<223> n=unknown

<220>

<221> misc_feature

<222> (443)..(443)

<223> n=unknown

794

<400> 1142
caagtccaaa atttaatagc acctctgctg agaaatataa tgccagggat ctatttcagt   60

tctccacact ccattggtca ccatgttcat tcatgtctgc cttctaaaca tctcaatcta   120

gccctttctt cccccttctc agagccactg ccatacttga ggnttccatt gtctcctgat   180

tggactattt atattgccgt aacttcctac cttgattgtc tattgccact ctctttgcca   240

cctcccttct gtttaccacc agaaccgtga atctaaaata tntcctcttc attaaaagtg   300

aaagaacatt atcacgtcat ttcctgtttc attaaaagtg aaacattttt taaaaggaaa   360

aataatagcc cttcaaggtc tggcgctaag ctcattttct cgcagcttca ccatggtatc   420

tatcttgtat tccagctgca ganctccaca ttcctcagat aagtctttcc ttttttgtac   480

<210> 1143

<211> 377

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (366)..(366)

<223> n=unknown

<400> 1143
ataagaaaca ggctgtactc tcatctgggg agcaataaag gcagatgtcc ctgaaaatgt   60

tttacttgga aaattattaa ttgctcttta ctgtcagcca tttatgcctt ccagtcaaga   120

acgaacgtga aggaaatgtc ataaacctta aatgtcagca aggattcact tgaggcctac   180

taataaagat cagatttgaa cactttaatg ctaatatact ttatcacaga gtatcttatt   240

ttactcaatg gcaataaaaa aaataacaga acccttaaag ggcatccaca ttgatttctc   300

agtgtgtgat tcattttgat tactgatata actatactta aaattaagct tctattacag   360

aaagcnaaat tacaaaa   377

<210> 1144

<211> 556

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (466)..(466)

<223> n=unknown

<400> 1144
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ctcttttact gaaaaagcag gggatgagtt ccatcagaag gtgcccagcg ctacttccca      60

ggttttatt  ttttttttcc tatctcatta ggttggaagg tactaaatat tgaactgtta     120

agattagaca tttgaattct gttgacccgc actttaaagc ttttgtttgc atttaaatta     180

aatggcttct aaacaagaaa ttgcagcata ttcttctctt tggcccagag gtgggttaaa     240

ctgtaaggga cagctgagat tgagtgtcag tattgctaag cgtggcattc acaatactgg     300

cactataaag aacaaataa  aataataatt tataggacag tttttctact gccattcaat     360

ttgatgtgag tgccttgaaa actgatcttc ctatttgagt ctcttgagac aaatgcaaaa     420

cttttttttt gaaatgaaaa gactttttaa aaaagtaaaa caaganaagt acattcttta     480

gaaactaaca aagccacatt tactttaagt aaaaaaaaaa aaaattctg  gttgaagata     540

gaggatatga aatggc                                                     556
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<210> 1145

<211> 473

<212> DNA

<213> homo sapiens

<400> 1145
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agacagagtg cactaaattt aactttagaa aaaattagcc gttgttcctg aattgttttt      60

gttttgcttt tcattcaacg atatcaactt gtaacttgtg tcacttgagt tttaattcag     120

cagtaaatca cctccactcc atatctaagc agcgttgtcc caaaaacaaa aggggctgag     180

gataattcag ctaatggatg tccaaggttg tgctaggttt atttcttcac ttgattgggt     240

cttatggcat ttcatatcct ctatcttcaa ccagaatttt ttttgttttt acttaaagta     300

aatgtggctt tgttagtttc taaagaatgt acttttcttg ttttactttt ttaaaaagtc     360
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796

```
ttttcatttc aaaaaaaaag ttttgcattt gtctcaagag actcaaatag gaagatcagt      420

tttcaaggca ctcacatcaa attgaatggc agtagaaaaa ctgtcctata aat             473


<210>  1146

<211>  522

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (480)..(480)

<223>  n=unknown


<400>  1146
cagagattaa tgtcatctta gatgaacaat tttttcaccc tgctagtttc catttgggac       60

ataggtgtt tgctgtggta ccatgcatag acactcagag cttagcagag ttatgtcaga       120

ttatctctct aaaacaatgt gttgttcctt accaaaaaac gtaagcccct ctggccggac       180

cttattttgg tcattatggg aggcagagca ttccaaggtc aaatgacggg ttttccatct       240

gggaagtatt cttttggttg ctggtgtttc cttgggagtg gatgtaaacc ttaagtagcc       300

agtagtgacc ttgagtacct ctggattact agggaagggg aggtagggat gggaagttgg       360

gcggtacacc tgattatagc aagcatgaag ataatagttt taagtttgct gttttgaatc       420

tgggcactaa cttcaatgct tgccaggaaa atcttatctt gtaaagcaaa tcctagtgan       480

gtcacgaagg tgtctcctcc tccaattggg ggtcagcact at                         522


<210>  1147

<211>  568

<212>  DNA

<213>  homo sapiens


<400>  1147
ataagtgaaa tgagtgcgtt cttcctgccc ctataatgac aagcctgaca gagaacacat       60

cacacagaag aatgtgccaa gaatcaagac ctcttagaag aatgttagaa agttttctct       120

ccaaatggat tctgtctaag taggaaggcc ttggcaacta gaaaggtcta agatcaaatt      180
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797

```
tatgacttga aaactctatg gctttgggca aattatctga acttaattct ggactcaatt     240

tcttatctac aaaatgggaa ttaaggcatc aacctcaaag ggttgtttaa agaatgtgat     300

tatgtatttc tgtaaagcac attgcaaagt atctgacaca tagtaggtac tctctgtaaa     360

tattagcttc acttctctca ctcctccaac tgaactgcag ttatgtaaag aaaagcaagc     420

atccagcagt tttgaagaat gtttggtttc cattaggagg caagggaggt gtaagattga     480

actcttgatc ttatatgaaa taaggatgca tttcctgtac acatacacat gactcaccct     540

tgggggagct catatgtatt tagcatcc                                       568


<210>   1148

<211>   493

<212>   DNA

<213>   homo sapiens


<400>   1148
gttgtatccc ctagaaacat tttaacaaaa attgtgttga taggacaagt ttctgtttat      60

ttctaactag ggtctcttaa ctaaatgtac ataacattag cccaagagtt gatcttctgg     120

ttttataaag tagccacttg aacttagctg agttgaatta aatctaatat ttataataat     180

ttagtaatgg ttttgttctt agactataag agaaggaacc aggttaggaa ggggtaatga     240

agtaacagca ggaaggtatc cacattgaaa acagttgtga tagctagagc tatggcctct     300

attcttgtat cttctgcatc taagtgccct gtctgtatcg aagttttagg aggccctaag     360

gaaacctgct tgggcattct gattccatga ttacatttgt gctgccagaa aacatttccc     420

attgcatttt agtgatggag atttaaagaa agccaattac tgtaactccc ttaaataaaa     480

acatatttaa aaa                                                        493


<210>   1149

<211>   158

<212>   DNA

<213>   homo sapiens


<400>   1149
tttggcactg gattttatcc tggagtttta aaatattctt catcctgttc tttttctatt      60

aaggttaatg ttgaagaagg aaaatgcgga agtcgtcatt tgacaagttt tataaatgag     120
```

798

```
tatttgaagc tcaggaataa gtgaagctga aatttgaa                          158


<210>   1150

<211>   482

<212>   DNA

<213>   homo sapiens



<400>   1150
ggcgggggct gagcagctcc ttgggcagca tgaagagctg gggcaagaaa tcagggagtg      60

ccgccttcaa gcccaggacc tgcggcagga aggacagcag ctggtggaca acagccactt     120

catgtctgcg gaggtgacag agtgcctgca ggagctggaa gggcggctgc aggagctgga     180

ggaggcttgg gccctgcgct ggcaacgctg tgccgagagc tggggcctgc agaagcttcg     240

gcagaggctg gagcaggctg aggcctggct ggcctgctgg gagggactcc tgctgaagcc     300

cgactatggg cactcagtgt cagatgtgga gttgctgctg cacagacacc aggacttaga     360

aaactgctgg cagcccagga agagaagttt gcccaaatgc aaaagacaga gatggaacag     420

gagctcctgc tgcagccaca ggaactgaag cccgggagaa cttgcaagct tcgctgacat     480

cc                                                                    482


<210>   1151

<211>   333

<212>   DNA

<213>   homo sapiens



<220>

<221>   misc_feature

<222>   (282)..(312)

<223>   n=unknown



<400>   1151
tcattctagg ctcttggctg tacatggcaa gggctggtac agagctcgct catcagtgtt      60

cttcctccga agagcacatt ctctgcacac gtctgcgtct acctgtgctc agagtcaccc     120

cttccaagca aggaggaggc cacatgggcc tggggtagcc ctggccttgc ccacctgctc     180

tgccgtaaca cgtctcctct tcacccagac aggaatgcag ggggaggcca ggcaatggct     240
```

```
gtttcctgcc acatggtagg acccatctaa ccagaaggaa cnntccnatn cagaagcnng      300

gcccgggggaa cnggggtgaa gcagccacgg gaa                                  333


<210>  1152

<211>  439

<212>  DNA

<213>  homo sapiens


<400>  1152
ctggatttct acgtggattc catttgttca gtcaaaatgg aagtttccaa atgtgctcgt      60

tatggatcct ttcccatttt tattagtgct ctccttttttg gaaattttttg gacacatcca     120

ataacagacc agcttcgggc tatgaacaaa gcagcacacc aggagagcac tgaacacgtc      180

ctgtctggag gagtggtagt gagtgctata ttcttcattt tgtctgccaa tatcttatca      240

tctccctcta agagaggaca aaaaggtacc cttattggat attctcctga aggaacacct      300

ctttataact tcatgggtga tgcttttcag catagctctc aatcgatccc taggtttatt      360

aaggaatcac taaaacaaat tcttgaggag agtgactcta ggcagatctt ttacttcttg      420

tgcttgaatc tggctttttt                                                 439


<210>  1153

<211>  455

<212>  DNA

<213>  homo sapiens


<400>  1153
ctatgcaaaa aatggactaa aaattttttca tttgggtctt tgtaataaac atgtaaatac     60

atatttacaa tggagatgct tcctgataga aagtaaacag aagtaatttt ggtcttcact     120

agaatccatc atatctattt tcgaagatga tgtaatacat catgtttact caaaatttga     180

ttccttttat acacataatt taaataatta ctccactttt accattaatg tttcattctg     240

tatttaaatt tccttcaaga aagattcctt gatccagtag tagggaactc tgtttctgta     300

cagttaatgt gtaatttttta tccttctggc aatattacaa atactgagtc atttaatctt     360

cattgtttat tctccagggg taattcttga gtatctcaca tgatgtaagt accatctttg     420

cagtattcat ggattccatt gtttgtcaag cagac                               455
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800

<210> 1154

<211> 401

<212> DNA

<213> homo sapiens

<400> 1154
gaactttgga ataagtttct gtgtagatac ccaaagttta ataattatga gagcacctga   60

tttgatagac agaaaataca gttctttagt caaaacacaa gatctgaatt ttgttcaggt   120

gctagaccat actaaatgta tatatttta attatagtga tttgtttcat gtttttagat   180

tggctaattc tgtaattttt tccccaaaaa catgtgaaga aaggaaaagt aaattaaatt   240

ccttagaact gttttaggtt aagattctct gtgtctgccc atattctgca gtccttaact   300

tgttttcaac tctttacctc actcatgaac ttgtttttac ccatttgctg ccaaacatag   360

gtgtgttccc ttcaggagaa tcagcatata cagggtatga t   401

<210> 1155

<211> 209

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (21)..(202)

<223> n=unknown

<400> 1155
gggtaacaat gattcctggt nataatttta cctattcttg tnaatacaga ttttaaaatt   60

aattttgaga tttatctatt gntaggacta anagttttna aagaccacaa cgtaacatta   120

anattactga tctttcnagt tgannnanag cagtnctata tgaagtatta tagtctgctg   180

cagaaagtna tgcaanncna tnagtgaag   209

<210> 1156

<211> 550

<212> DNA

<213> homo sapiens

<400> 1156
cgccgctctt tctcctggaa tcagatgaaa tggagaactt gctgacctac aagcggagag   60

ccatagagca cgtgctgcag gtagaggcct cccaggagcc ctcgcacgtg ttcagcctga   120

agcagctgct gcagaggtta ctgaagagca atagccactt gagtgaggag tgcggggagc   180

ttctcctgca aagaggaacc acgaaggtgg ccacaggtct ggttctgaac agagaccaga   240

ggctcgcctg ggcagagaac agcattgact tcatcagcag ggagctgtgt gcgcattcca   300

tcaggaagct gcaggcccat gtcctgttga tcaaagcagt ccacggatat tttgattcaa   360

gacagaatta ctctgagaag gagtccctgt cgttcatgat agacacgatg aaatccaccc   420

tcaaagagca gttccagttt gtggaagtcc caggcaatca ctgtgtccac atgagcgaac   480

cccagcacgt ggccagtatc atcagctcct tcttacagtg cacacacatg cttcccagcc   540

cagctgttag   550

<210> 1157

<211> 384

<212> DNA

<213> homo sapiens

<400> 1157
cagggaaagg ctaggtgggc ccagcctgcc cttccttcct ccagctggct ggatatttat   60

tattagccag gagaaagcag ccctggaacc cagactctgt ctccctcttg aggtcacaga   120

tgttgaagtt ggaatctcgc tccttcccct gactaccatc ctaggctggg cctcaagact   180

agtgaggcct gtccccacca tccctggcct tgttgtgggg ctcaggaact cagagtccca   240

gtgttgagtc tgggagcact aggtcttcat agttccaggc ccagagctac agctgggctg   300

ggagcatgtg tgtgcactgt aagaaggagc tgatgatact gggccacgtg ctgggggttc   360

gctcatgttg gacacagtga attg   384

<210> 1158

<211> 128

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (117)..(117)

<223> n=unknown

<400> 1158
ggaatggatg ctcacccagt aagtataatg cagatattcc aaaatctaaa aaaatttgaa   60

atcccgaaca cttttggtcc caagcatttc agatacagga tactcaaaac gtagtgnaat   120

acagaaag   128

<210> 1159

<211> 517

<212> DNA

<213> homo sapiens

<400> 1159
attgtttggt taatgctgta gagtgagttg tgatgcatgt ttgtgtcaat agtatttttg   60

gcttgcattt tttaaattgt tagattatat atacatcgta gttcagatgg ttcattcata   120

ctgctctcat agttagtatt catcgtctct caaagttttc ttacacaaat attttgttat   180

cacagagtta cttttccact ggaatataaa aatggggtat agatgagcaa tggtgctttt   240

gttgttttgg tttctgttct cttacctcac ctaaatagat attgaagaat ttgagaacca   300

ttagctaagt ctaaattctt gattattgta tttaggcttt atattgaggc tttagctgct   360

agttctttca gcatcatctc ccaatctttc tgttaacatc aaagtctagt ctaacgtaca   420

gaatttactg tcccctgaaa attacacttt tatggttttc atgcttgctg ttctcttttc   480

ctagaatgtt tccttttcct tcttagcctg gtaaaag   517

<210> 1160

<211> 551

<212> DNA

<213> homo sapiens

<400> 1160
tgatatactt aattaccagg gtaatattcc taacaccatc acttttactt gacaattctc   60

ctgctctaaa agttatgaac ctgacattct tggtcttaca caatctggac ccagtctact   120

cttctataac catcttccac ttaatttaca aatctttatt aaggcacagg tactcctact   180

tatcccctat tgcctctctc atgctgaatc aatcatgcca aaagctaaga aaacatgagc   240

atgcttggga ctaaagaaac agaactgagg atttcctaca catcctaact gcaaggacag   300

tccatcaaaa gccagagata agtattttta tttgctcttt atttcttaaa ataatttccc   360

caattttgtt aacccctacc tcaaatgact ttagaggtat tttaaaggat atgtaatata   420

gttactaagc atttccactg attgtagctg aaggattttc taatgtctat tacatgaaac   480

ttctccttaa actctctttt aacggaactg tcattttcct ttccagaacg ggcttgtctt   540

tgctttctcc t   551

<210> 1161

<211> 374

<212> DNA

<213> homo sapiens

<400> 1161
agaccttcca ggaggtagac cccttcctct gtagatcaca aagtaaaaaa ggtacagggt   60

gttagggtat ttgtgaattc ctggaatgag agaaagcaga aatataaacc agttgggtca   120

attgatttag gcaaaaccta ggtctgtgta atggtagtaa gtgatagcat ctgttgttgc   180

tttgacaatt attctatttt tctctgtttt attcataatt ttgaggagga tttaccattt   240

tccctaatct caggctattg aattagtaaa tagcataaaa tcaaacttga acaagcttaa   300

ttttgtaaaa atattcaaca atataaaccc tcttttataa atttctcttt gcagagagtt   360

aatggaagag tagt   374

<210> 1162

<211> 323

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (183)..(319)

<223> n=unknown

<400> 1162
aacattaatt cttcattact actgatggga gcacttgcta ttgtctgtga taataccaac   60

tcttggagtt ggcagtgata cagcctaaat attggtatgg caatatctgg atagagggat   120

taattaacat tactcaaaag ctatgtcttc cctttcagt tactatatat ttaataagcg   180

acnttgtcac ctcatatacc tattaactcc ggaataccag gctgccgcaa gactcatgnt   240

gacaactaca tctacnggaa nangatctgc aagggcattg ttggnggcac gtattgttcg   300

aagaattcct ntccctgcnc ttt   323

<210> 1163

<211> 504

<212> DNA

<213> homo sapiens

<400> 1163
gggcattctt ggagggatcc tgtgaagtat tgttaggagg tgaacttcac tacatgttaa   60

gttacactga aagtgttcat gtgcttttaa tgtagtctaa aagccaaagt atagtgactc   120

agaatcctca atccacaaaa ctcaagattg ggagctcttt gtgatcaagc caaagaattc   180

tcatgtactc taccttcaag aagcatttca aggctaatac ctacttgtac gtacatgtaa   240

aacaaatccc gccgcaactg ttttctgttc tgttgtttgt ggttttctca tatgtatact   300

tggtggaatt gtaagtggat ttgcaggcca gggagaaaat gtccaagtaa caggtgaagt   360

ttatttgcct gacgtttact cctttctaga tgaaaaccaa gcacagattt taaaacttct   420

aagattattc tcctctatcc acagcattca caaaaattaa tataattttt aatgtagtga   480

cagcgattta tgttttgttt gata   504

<210> 1164

<211> 101

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (12)..(101)

<223> n=unknown

<400> 1164
catttcattc cnaatttcca cagatcatan cagctcagnn ntttanctga atcctacgca   60

gttangattc angattcata cacagangac ctaaatannt n   101

<210> 1165

<211> 492

<212> DNA

<213> homo sapiens

<400> 1165
gcatgctgaa gactcccgca ttggtaactc cagtctgact gtgggacata aatgttattg   60

aactttagac ttgtatatcg aactgattac tcaagagctg catttgcatg tgtaatggac   120

atcccaaacc taacataccc cccaaatgaa ttcctgatat ctacctaacc tgttcttgca   180

acagtcttct tcccagggat gagtgaagat cccatcatct ttccagttgc tcaagccaaa   240

aaccttgatg tcactgttgt ctcttctttt tttcatccaa aattcacctg tgatttatcc   300

acaaattctg tcggcttcat cgttaaaata tattcattat caagccactt tcaacattcc   360

actgctataa ccaccaagcc accttcatcc accttctgga ttattatatt ggcttccaga   420

cgggttgccc tacagtctat tcacggcccc agagtaatcc tcttaaacct aagttagatc   480

atggccattc at   492

<210> 1166

<211> 293

<212> DNA

<213> homo sapiens

806

<220>

<221> misc_feature

<222> (33)..(289)

<223> n=unknown

<400> 1166
gaaaaagaaa tgcatatagt gaggtatgaa ggnnagggtn nggagttcca tantccttcc   60

cntttgcacn cnccganncc aggtggnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntatgga gantttgtaa cacaggcatg   180

attnattaat ccatcagcca ttngtgatcc acttcagctt cagttgccct cctccccaga   240

tgtnganngg gtggancnga aattgcnatn cttntaatcn tgntntggnc ttt   293

<210> 1167

<211> 264

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (66)..(252)

<223> n=unknown

<400> 1167
ctgccgtcag agtctgcctt tgtgtcttta tctgctttgc cttcctagtc cccgtcctgc   60

ttcgtngccc ggcatctggc agggctggga gacgcctctc cagattcctc tggagcatnc   120

cctctggagn ctcctctctg ncctgttntg ccgggngttn tccagncctc gtggctgtgg   180

tccnggacag gtctccccac actggtgggg tccncttgtt tcgggggttg gatcctctan   240

aatccctggn gncgtcttcc ttct   264

<210> 1168

<211> 448

<212> DNA

<213> homo sapiens

<400> 1168
cggagaagtg ctctcttact tggaattggc tcagtttcac aatgcccacc agttggccgc   60

ctggtgtttg caccacatct gcaccaacta caacagtgta tgctccaagt tccgtaagga   120

aatcaaatca aaatctgcag acaaccagga atacttcgag cggcaccgct ggccccctgt   180

gtggtacctg aaggaagaag atcactacca gcgtgtgaaa agggaacgag agaaggaaga   240

tattgcacta aataagcatc gctcaagacg aaagtggtgc ttctggaatt catctccagc   300

agtggcctga agaggaagag aaaaaaaaca aaaaacagaa accaatcggt aatctgatcc   360

accactttc aaagcactac tataaaattc gtcttgttag agatacgaca tagttcaggt   420

ttcgggcact gatcttcctc cactttttg   448

<210>   1169

<211>   450

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (21)..(76)

<223>   n=unknown

<220>

<221>   misc_feature

<222>   (236)..(399)

<223>   n=unknown

<400> 1169
gcagggtcta gggtgttgtt nggagtggca gttggtccga atttctcccg aagcccgcgg   60

aggagcgggt aagaancccg cgaatccggc ccccaactcg ggaacgggat gggaggcggc   120

cctggccgca agccccgcgc tgctagcggg tccaccgcgt cgtagccgac agccgccctt   180

cttcctcgca gcgcgccgcg attcaccagc ctggtcccctt ctgcggagag cgatgncgct   240

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tcccgacacc atgttctgcg ctcagcagat ccacattccc ccgngagctg ccggacatcc      300

tgaagcaatt caccaaggct gccatccgca ancagccggc cgacgtgctg cggtggtccg      360

cgggctattt ttcagctctg tcgagaggag atccacttnc tgtaaaagac agaatggaaa      420

tgcccacggg aacccagaaa acagacacag                                       450


<210>  1170

<211>  259

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (191)..(254)

<223>  n=unknown


<400>  1170
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cttcagagtt ttcaatgctt tctaaaagtt tcctctttgg aaagaagaaa tctgaaagac      120

ctatcatgcc gttcttcctg gcgtctatat tttcctttag agaggcaagg taggattccg      180

tctccaaggg ngacacatct gagtctaatc tgggcaagta gcgggaaacg taggaaaacg      240

tcttgaaggg gatncgaac                                                   259


<210>  1171

<211>  424

<212>  DNA

<213>  homo sapiens


<400>  1171
ggggctaaag atttccaaag agtgaaagtc tgtggacaaa attctctata catgacttca       60

tctgtcactt tcctattgtg ccaaatttta ggctccctct cttatcttgg ttaataatat      120

tgctcactct ctttttctcc tgcagcataa tcaccttagg acagagctgt gactaatcaa      180

tgcttatatg tccttaatgc ctggccaatt attgagggac taagcattta tttaattact      240

gaattaaagt attccttaat cctgcttcta tttttttgtg tttggactac actagcaaca      300
```

```
tttgcttttt tgtagtggat catagaaacc caatgcctcc tctgcatctc accagccaaa      360

ctcagtcatc tggaacttag gttcctggtt aaagaaagac taaaatatat ttccctgtc      420

tatt                                                                     424


<210>  1172

<211>  419

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (61)..(61)

<223>  n=unknown


<220>

<221>  misc_feature

<222>  (404)..(404)

<223>  n=unknown


<400>  1172
cttttctgtt actgttatat tatccagtag agaatgttag gatatgtgtg ctatataaaa      60

naaaaaaaag acttgttaag ttttaaaata acaaaaatgg ctagttgaat agtattttat      120

gtgtaattct tccatttatt ctgtttaatt atacaactaa gatgaaatat tgaaaaaccc      180

tttgtgaaag taacttttca agtaaatgca caactttaga atttctacaa ataagttctt      240

ttaaacagtc tttttattgt ggattgtgaa atcaaaatct ggagaaatgc ttataaaata      300

tactactagc ttttaagttt taagaaagaa gaacgtaagt tgtacaaaga tatttgtact      360

ttgacaaact gaatttaaat aaactttatt tcctctcaaa aaanaaaaaa aaagggcgg      419


<210>  1173

<211>  355

<212>  DNA
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<213> homo sapiens

<400> 1173
acaaatatct ttgtacaact tacgttcttc tttcttaaaa cttaaaagct agtagtatat   60

tttataagca tttctccaga ttttgatttc acaatccaca ataaaaagac tgtttaaaag   120

aacttatttg tagaaattct aaagttgtgc atttacttga aaagttactt tcacaaaggg   180

tttttcaata tttcatctta gttgtataat taaacagaat aaatggaaga attacacata   240

aaatactatt caactagcca tttttgttat tttaaaactt aacaagtctt tttttttttt   300

tatatagcac acatatccta acattctcta ctggataata taacagtaac agaaa   355

<210> 1174

<211> 432

<212> DNA

<213> homo sapiens

<400> 1174
ctcttgacct acaaaaattt gcggtctaac agaagtcacc atgacactgc tacctagctc   60

ttgagtctgt gttggcctct catgacaatg ggttttgag aagacattgc tgtattttgt   120

ttcctattcg cttccttagg attaaataag tggggtggta tccagaatct catgtcccat   180

cgatgtcatt tgctgggtaa ccaacagcaa agatcagata tttacctctg acatgcaatg   240

ttcaaatgaa atagtaaaat gtctctatgt acatgtttta tgcctctttta taatatcaat   300

tgaattctat cctttctgaa gtcactacac catttctccc agtataaaat tgtctatgaa   360

atctcagagt tggttctgac actactaatt ttgagttgag tgaccttaga caaaccacct   420

acttttttaag ct   432

<210> 1175

<211> 409

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

811

<222>   (306)..(383)

<223>   n=unknown

<400>   1175
gttattttaa aatgtacaat gtactccatg gagcactcag taggtgtgag tcaccctatt   60

taccacatta tatgcacttt tattttaatt ttcagaaaag cttgatgagt taactattat   120

taacatgcct aactttata tgagaaaagt gaagcttaaa aagtaggtgg tttgtctaag   180

gtcactcaac tcaaaattag tagtgtcaga accaactctg agatttcata gacaatttta   240

tactgggaga aatggtgtag tgacttcaga aaggatagaa ttcaattgat attataaaga   300

ggcatnaaac atgtacatag agncatttta ctatttcatt tgaacattgc atgtcagagg   360

taaatatctg atctttgctg ttnggtaccc agcaaatgac catcgatgg   409

<210>   1176

<211>   226

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (125)...(125)

<223>   n=unknown

<400>   1176
agaaaattgg ttacttaggt catgtaggga gttgcaggta gagcagaact cagatgcaga   60

aatatgcttc tcatttttcc aattctactt cagcacaaat gacttgtgga tttgagagtg   120

taacngagaa ttgtacaatt gaaattgtac aattccaaaa ttgactaagg gtttctactg   180

gtaagccaga tagcaaactt cagaaagcca agtcagtagc agatat   226

<210>   1177

<211>   294

<212>   DNA

<213>   homo sapiens

<400> 1177
cctggccagt taaaaaactt ttcgacggtg gaatacagtc gaaatctgta gtaacgtttc   60

atggctttcc ctgctgatgt gaacatccgg gtctgttcag ttaacctctt actccaggtt   120

tgtttttccac tttggatgcc ggacattgag aatgtcacgc atgctgtgct cttccacatt   180

ctgcaggctc ctcctcagct ctcttctggg atgaggttgg gttccatgga tctgttcagt   240

ctggcgtttg tgcttatgct cccagcagtg caggggcag cccagggcgg cctc   294

<210>   1178

<211>   567

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (408)..(530)

<223>   n=unknown

<400> 1178
tagttcttta taacttctag atactaaacc actgcaggtt ttttgtgagg caagtatctc   60

tcagttaatg gcatgttttt tattttcttc tggagtttct tgatgaaaag acttttcatg   120

aatatgaatg ccttaatctt ttgctttatg agtgctttca gtatcttaca ttaaaaaaat   180

agtttctgcc ctcagcgtca aaaagagatg ctattgtttt tttttaaagt gttaaagtta   240

cttctacttc taacaaaaac agtaataggg gcctgattcg ccctcacacc ttaagtaact   300

aagggaaaga acaaaacaca caccctcaca catcacaggg tggtttccac aacactgggc   360

ccggccaatg actgacagcc gtgccagcca gtgacagctg tgcctgangg cgggaaggag   420

ccgtgagagg gcgccctggg ctgcccctg cactgctggg agcataagca caaacgccag   480

actgaacaga tccatggaac ccaacctcat nccagaagag agctgaggan gagctgcaga   540

atgtggaaga gcacagcatg cgtgaca   567

<210>   1179

<211>   383

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (378)..(378)

<223> n=unknown

<400> 1179
caaatattct gcatgtcaaa aagaagctgg gtgtacactg aaaaatcatt gaaactactg   60

gatttccttt gaaacaaata atgaagatgg catcaaaaga ataagagtat tctattgagc   120

attgaaacgc ctttctggta ggcattgagg gagatctaga gagatgaaag atacatggaa   180

atcatattat attgaaatat aatatgattt gcattattgt ttgaggcttt ggctaaataa   240

cgttactgat tgtaagcacc tgaaggcaag ggttttatcc accacatctt tgtctgccat   300

agcatttagt cctctgcata caatgggctg tccataatta ctgtagattg gactgaaaat   360

aaaaaagtcc acaagatnaa tgc   383

<210> 1180

<211> 580

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (42)..(42)

<223> n=unknown

<400> 1180
gttgaagagc tcaaggtaat tataggtcag ggtctgcaag tnggaagggc tgaaactagc   60

atcacagcta cttctttcta ttgaaaattt tttacagtcc tttgaagcgg cgtatgagga   120

gagcatccag gaactataat actgggattc catagcctcc atttattaat ccaagttcaa   180

tgagacccaa tactaatatt tagagaatgt tatgagaagc tataaaaaca ggggagctgg   240

```
ataaaatgat gtttaaagtt ccatccaact ctttggattg tggaggttgc tgatgacaat      300

tcttcagcct ccagaaagct tgaagtaatg attgactctg cactttaaac ttgaaagatt      360

cgtgtgagga tccagcaatg ttttgtgaag cattgtaaga agtggagaga tagctgggct      420

cacttcagaa gacccaaatt ttgattcaag actgctttgt tctctcacca gaggcaaaca      480

tatcaccagg ttgccttggg aggagactgc taacaaccat tgagcagaca taacctggag      540

atttgttttg caatgtgttg tataacaatg ttgatttaat                           580
```

<210> 1181

<211> 206

<212> DNA

<213> homo sapiens

<400> 1181
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tactctgcgc ctttccgaaa ggacctgagg tagctaaata acacttaaaa aaataaaaca       60

gaagagtaca gtaaatgtcc caaggcaaat aggtgaatat taaatattca gtacttcttt      120

cagaagagaa ggctgataga cttgaagaga tgagcgtttc tgggaaagtt agggtttgag      180

tggacctaag gatgaagatt tggctg                                          206
```

<210> 1182

<211> 219

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (173)..(218)

<223> n=unknown

<400> 1182
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cccagaaacg ctcatctctt caagtctatc agccttctct tctgaaagaa gtactgaata       60

tttaatattc acctatttgc cttgggacat ttactgtact cttctgtttt attttttaa      120

gtgttattta gctacctcag gtcctttcgg aaaggcgcag agtattgaaa tantattnat      180

tattatgttt gagacaaggt ctcgctccgt cgcccagng                            219
```

                                    815

<210> 1183

<211> 286

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (146)..(163)

<223> n=unknown

<400> 1183
catcagttct actgtaatat cagtgtcagt ttttaaaatg tgaaataaat gagtgctctg   60

tagcagtgaa acaggagttt actcacaagg tctgaggaag gtggattgca gatgtaaagt   120

ggctgtgggt cctttccttt taatgnangg gagatttatg gtncatccga agtcatcatt   180

ctccacaact cagttttgtg tttttttgttt gtgtttttca tttattatat aaaaaccatg   240

gcaaagcact aaagaaaaca aacataaagc cacactgtaa ctcctg   286

<210> 1184

<211> 596

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (549)..(592)

<223> n=unknown

<400> 1184
gacagaacat atttaagtcc tacttttagc atgtgaagga gctagattct acattttctt   60

aaatactctg atgagttaaa tggaactaac actcaaatgc caccaaatcc ccccaccact   120

gatagttaac aatgacagca tctccgactg cttcttgcat ctttgctatc tgcctgactc   180

```
cattctgagt gctttgcatc aattctcctg taattctctt taatatgaga taagtatccc      240

cagatttaca gatgaataaa actgagactc agctcacaca gcaggcccaa gattgtccag      300

ttaaataagg agcacaagca ggatggaagc caggccagtt caactcaaag ggcctcactt      360

aacaccaagg cctactttga agggtgcaag acttcaggct tgtatcctca ggtgggctgt      420

aaaataagag gcctggacta cactagctct aaatttgtta cccagtatgc tacagttaat      480

ttaccaagat acatagtgca aaaacaagga aaaagattaa cgtcactttt tactatgatt      540

ttgtataana taattggaat ttaaatagg ggcccaaaca ttatctttat gnaaca          596
```

<210> 1185

<211> 354

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (260)..(269)

<223> n=unknown

<400> 1185
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ggcgaccctg ctgtcacaag gacaggggag gaagaagcca ccaggcgggg ccgaacccag      60

ccttcctctg gacaactgca tcccttgtt caaaacacac ttccagagat cggattcggc      120

cccaggcacc gtgccaggta ctggaggtcc agaggaggtt ccaaccccgt tgccttatcc      180

catcatagca gtcacaactg ggctaagtct ttgaatcctg cccttcaaa gactggattt      240

tgaacaagtc cttctaaatn anngntnnc cttctctctg acactgggaa gagggagagg      300

agaaatctgt ctttcaggcc agtgtctctg aaggatggga tgctttctac tggc           354
```

<210> 1186

<211> 338

<212> DNA

<213> homo sapiens

<400> 1186
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ttgtttggtt tgatttggtt atgggttagc aatctgaaag cagttaccat tactaattct      60
```

817

```
aaaaatggat tcaaaatagg aacacttcca aattagaagc attttttaa aaggagtctg      120

aattcaaaag tctgacttta tctttatcaa atgcttttgg caatgttgaa gaaatcttct      180

gggagaaatg taataaacat ttcttggagg gacagcatag agtgcaaaca tctcaaacgt      240

gattcacttg cattttctga acaatgcttt tgcctactct gagctgttgg ttccagtatt      300

tggagtcccc atgacagaaa tccaaaacca cttctaga                             338
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<210> 1187

<211> 408

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (83)...(111)

<223> n=unknown


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<400> 1187
ccccttttac tcaacttttc cttttaacgt ggctatggcc acccctggct taatgctaaa       60

actcatagga caaaatgtac ttnnnnnnnn nnnnnnnnnn nnnnnnnnnn ngcagttgcc      120

aaccgaggca ttttctgact cgtcagaaat gtgtgtgcgt gccagctgcc ctgtgctcag      180

ccaccttagg agacccattg ctctgtcgcc atagtcttca tgtcccgtgt tccagatacc      240

cctctcattc ctatgatctg gaaacttcca cgtcatgagg gtgggagggg tgaggaaggt      300

accagaatgc tcctagccaa tcagggcttc tagcttgcca cacaaggttt ctagtttcat      360

ttgacatttg tggacatttt aacaagatcc tgttttgagc ccaccaag                 408
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<210> 1188

<211> 418

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (291)..(411)

<223> n=unknown

<400> 1188
gtccatgtaa caaaggtatc tgttgcagtg ttcattttga tttacattat tgcacacaca   60

ctgggctaga tttctttttt aaagactctg gtcttccacc ccaaattctg ggcctttgct   120

catttggggt attgatactg aacatataca gccaattaat gtattcaaat ggagccctaa   180

gatccacttt gcagtactag atgtgtagat ttacctatct ttagcctaat acctttcttc   240

atttatcatg tattcttagt cgcaggagct gctcagctcc tgatttctgt nattactgcc   300

caggnatcct cccttcataa gacatgccta tgaaatggac acaaaaattt ggaacacaac   360

aaatctaaga cttatcataa tagttttttg tttnattgtt aagatttngn natgtcct   418

<210> 1189

<211> 525

<212> DNA

<213> homo sapiens

<400> 1189
gtgaatctca aataactaac actaacaaag gaacatactt tggggatgca gatctcaagc   60

cttacaggta actgtaatgg ttgtaacatt cacatcttaa aataaaatct cccaggaaaa   120

taatctggaa ttaattccaa ccaattctaa tgagaattga gagaacttat ctctatctca   180

tgatttcata ttcttgatat gtgagctcag taaaattact ttaaaaatat gcaaattcca   240

tttccataag tcttttatac tatcagcctt gagacttgat tcataaagaa atatttttct   300

ttttttttgga cagccttgca tcatgatcca ttcataggga agtgcagagt agattatttc   360

catgaatagt atgcaaaaag aaaatttatg aaatccttca agttattttc agtctggcat   420

gggtctattt gttgttaaca atgttgccag tcataccacc actaaaacta tggggaactg   480

ggggtcacaa aagaaataac acagtaattg ctattccaat cagag   525

<210> 1190

<211> 400

<212> DNA

<213> homo sapiens

<400> 1190
agaagcagtg atggaattta atttggacac aggctcagga ttaagctggg agggaactgg   60

gtggagaagt gaaagttgca cagacactgt tgtttactc caccgagctt tactcatcac   120

aggctgctcc agtggggctg ccagtcactg cccctgctg cttgaagaga gaagtaggtt   180

catgactcag gccttgccat tcacagcatc tcattcctct ggccacagtg attggcccag   240

ggatgggcat gtgactcaag tgaggccaat catcatcctt ctctggaatt ttatagtcac   300

tatgagaaaa aagctctttt ccctgggatc ccagcaaggt cctcactggg ctggaatgat   360

gaaagcttga gctagctgtc tgtggccatg tttccacatc   400

<210> 1191

<211> 242

<212> DNA

<213> homo sapiens

<400> 1191
ggaaaagaag atctgccatt aacaggtcac ttttggatta atttgtacat gactttaagt   60

gatgatcctc aactcattta agattaaaga gccaagcata ttgcagtgga catacagaaa   120

agtcatgata atcattgagg atttactaag actctccatg tctcagcttc aagccagtgg   180

caagtaaaaa agagaagaga aaataattta aaaaagaat ctccatgcca gcttccactg   240

gc   242

<210> 1192

<211> 76

<212> DNA

<213> homo sapiens

<400> 1192
actctaggta ttccatataa ttagaatcat gtagtattag ccctttgta tatggcttgt   60

ttcatttagc acaatg   76

<210> 1193

<211> 359

<212> DNA

<213> homo sapiens

<400> 1193
tcacgttacc tacctactct tccagggaat ggacatgcag attgccttca taccctccca   60

ccacaggaaa tgctgaaatt aataatctca tacatatccc tttatgggcc agtttgagaa   120

tttcttaggt cacagaattt ctgggtcata ggatatgagt ttacttgact aagtggtgcc   180

agattctctc cggattggtt gtaggagtcc agactcccac cagtatggaa tgagagtttc   240

catatcccac atctgtatga acacagcact gtgtagctgt ctcatagtta tcagtctaaa   300

aggtataaag tagtatttct ttgtagtatt aatgtgcatt tctcattgcc agtgatttt   359

<210> 1194

<211> 264

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (180)..(238)

<223> n=unknown

<400> 1194
ataagagggt atcagcagag tctaaaacta tcagagagtt aatatctaga aaacataaac   60

atttgcaaat taacaagaaa aagactaatc ccaattacat tttaacaaaa ggtacaaaag   120

gcaatttaca aacaagctga aaaagctaac aagcataaaa gctatttcaa aatcactggn   180

aatgaggaat gcccttaata ctncaaagna atactacttt ataccttttn gactggtnac   240

tatgagacag ctacacagtg ctgt   264

<210> 1195

<211> 196

<212> DNA

<213>   homo sapiens

<400>   1195
tgggcatccc caccgagggt tctttatctc cttggctcgc cagcttcgct ctgagctcag   60

cttgctactg ctcctcttag acaagagaag tgggaggtat tccgaggcgg aaccccgagt   120

tacgccgccc gcggccgagc actaaagatg aggttccagc tgggaggcgg ctgcgtacga   180

aagtcctccc tccctc   196

<210>   1196

<211>   379

<212>   DNA

<213>   homo sapiens

<400>   1196
atgaagggtt acaaaaagag atgagcctgg catttctaat tcgggggcct tgggacctct   60

cccctccaag tgcaagttgt agcaacctgc cgggtccacg catgggcggg tcatactcca   120

cgggttccgg tttccactcc ctgtgaacca aaagccagag aggcccacgc acgactccgg   180

aagtgaggga gggaggactt tcgtacgcag ccgcctccca gctggaacct catctttagt   240

gctcggccgc gggcggcgta actcggggtt ccgcctcgga atacctccca cttctcttgt   300

ctaagaggag cagtagcaag ctgagctcag agcgaactgg gcgagccaag gagataaaga   360

accctcggtg gggatgccc   379

<210>   1197

<211>   436

<212>   DNA

<213>   homo sapiens

<400>   1197
gcctcggtgt tcccacctag gggcgggcag ccaggggcac ttccgctggc ccaagtgatc   60

tgcatgtggc agggctgcgc agtggagcgg ccagtgggca ggatgacgag ccagacccct   120

ctgccccagt ccccccggcc caggcggcca acgatgtcta ctgttgtgga gctgaacgtc   180

gggggtgagt tccacaccac caccctgggt accctgagga agtttccggg ctcaaagctg   240

gcagagatgt tctctagctt agccaaggcc tccacggacg cggagggccg cttcttcatc   300

822

gaccgcccca gcacctattt cagacccatc ctggactacc tgcgcactgg gcaagtgccc   360

acacagcaca tccctgaagt gtaccgtgag gctcagttct acgaaatcaa gcctttggtc   420

aagctgctgg aggaca   436

<210> 1198

<211> 234

<212> DNA

<213> homo sapiens

<400> 1198
ggggagtgag ggaagcagcg taggacagag gaaaaaaact gagtaagaat gtgctctcag   60

aagaagactg acttcagctt gattccatga ggagctctgg gaaaggaagt tccttgatgt   120

aagaggtcag tcttttgtac ctccatacaa gaggtagcaa ttcttttcta gagatggtct   180

caaaattaga atacatcaaa atcacttgga gggtttggta aatcagaatg ctgt   234

<210> 1199

<211> 422

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (419)..(419)

<223> n=unknown

<400> 1199
tgcccgggct gcgggcatcg cgggccgcga gcgcccctgc ggccgtgccc ggagaccagg   60

aaaacgggcg ccacggccca gggcgcctcc gagttccccg ccaggactcg gagggccagg   120

agggcgcgac ctgggtggat attttttgttg dacggcgcaa ctcttggggt ggcccgggag   180

cggcggaaac cgagcgagag aaccaggagg cgctgcgcag aaggaggccc gggggctccg   240

aggcgttgag gggctcgatc tgcgttctgg ggtccctgag tgccagaggt ggtggtgttg   300

cttatcttct ggaaccccat gcagccagat cccaggccta gcggggctgg ggcctgctgc   360

cgattcctgc ccctgcagtc acagtgccct gaggggcaa gggacgcggt gatgtacgnc   420

823

<210> 1200

<211> 478

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (58)..(160)

<223> n=unknown

<220>

<221> misc_feature

<222> (279)..(453)

<223> n=unknown

<400> 1200
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cttggaaaat tacagggtta cttatcaaca aaataactgt ccatccggtg gggaagtncc      60
atccggtggc ttctatgtac aggcccatcc ctgggaacca catttccaga gggggcctcc     120
ccctgaggcn cccattggcc ccctcccagg tatccaagan taaatcacat ggtgacagct     180
gccggcatgg gtgagtggga cccaggccta ttacccggcc agagggtttg ggggcctctc     240
tcctggaagc ctgctctttc cacacccccct ttcccagcna ggctgtcttg ganactcccg     300
gggctccgct gaggggcaca tgattcccgc tttggncttc ttttganatg tcattttaac     360
actgaggcat cctggcctcc cttcccggaa gatgggttat ttgcagtgct gtcttgtctt     420
ttagtcccgg tttttntaca aaaacnatga nantccccat tggactgtat ttttttccc     478
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<210> 1201

<211> 432

<212> DNA

<213> homo sapiens

<400> 1201
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gagctgagct tgaacagaac agaccctcag cacggccctg gactaatgca ctcttatctg      60

agggcagtcc attctagaag gttgatgaat ttccctacca ctctcctggg gacctttct      120

ctctagtggg aacaaatgct acataattta gtcaagatcc tattaagtca tctcacctga      180

ggcatctgga gagggagttg ccttccattg gtgggaaatt gttggtgcca gaatacattt      240

tgcccaaaac tcttctcatt ggctggccac ctagcagggc tcctctaaac acgcaactca      300

gcgaggggac ccccttcacc tctggcaaga gagctgggta gatcagaaac ttggtgacac      360

ctggctagca cagagcaggc tcacttgtct tggtcccata cccagattcc tgcagacatt      420

gcaaaccaaa tg                                                          432
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<210> 1202

<211> 441

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (300)..(300)

<223> n=unknown

<400> 1202
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tggaggagga ggtgcttgáa cacagctgtg acccgctcac ctactggaac ctgaagaagg      60

cgtcctggcc ggggctgtcc gcgctggccg tcagattttt gggctgcccc ccaagcatcg      120

tcccttcaga aaagctgttc aacacaccca ctgagaacgg tagccttggc caatccaggc      180

tcatgatgga acattttgaa aaacttatct ttttgaaagt gaatcttccc ttaatatact      240

ttcagtattg aaactcacga cggcaccact aggccagagg cgtggctgcc ccagcgttan      300

agcctgtacc aggtctatga cccgctctgc ccacggctgt gtacgacatc agaccaggca      360

tctcagggcc gctctccagc tcaccacagt gtctccacgt gccttacccc ttctccttca      420

ggccaagttt cgcggggtgt t                                                441
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<210> 1203

<211> 208

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (47)..(190)

<223> n=unknown

<400> 1203
ccatttataa atacactaaa acatagtcaa tgcaaattta gattaancnt acgtagagta   60

tttcaacaaa acaactttnc taanagntcg tangcaaatg agngattagn ctcacncngg   120

ntatttaatt ggttaaaatn agaaaatgaa nctntnnntc tctnnanaca tnactttnaa   180

antcatctgn caactgacac ttcactct   208

<210> 1204

<211> 305

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (114)..(114)

<223> n=unknown

<400> 1204
aaacttttaa aagtcaggat ggaatcctga ttccaagctt aggttctgaa ccactggggt   60

aggctgtgta gtactacatt ttctgtggaa cgtggtatcg gtaacatggg aganacaggc   120

tgtgcctcag gaagatgcca catgggagtg cacagcagtg ctgtagtgcc tcgtgtttat   180

gtgtagtccc aggtgcctgg ctgtaaacaa ctgcagggca gtgaccatca cctctgcttt   240

tctgcatccc cacacttcct aacacagtgt ccccccaaag tgtgcatcca atggatggat   300

gaata   305

<210> 1205

<211> 72

<212> DNA

<213> homo sapiens

<400> 1205
cacatctcca tggtatctct tcctttctt acaagaacac cagtcacatt gaattagggc   60

ttaatggcct ca   72

<210> 1206

<211> 302

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (24)..(24)

<223> n=unknown

<400> 1206
gtttaaggaa aacaaatatt tggnaaccaa agttctatac agagtttttt aagaacagga   60

attttagaaa gtatatctta atttgcaaaa ctcatttcat taataagctt gcctagcata   120

gtacaaacat gatttagttg ccaaacattt gacattaatt tttcaggaag acacccactg   180

tattaatgat gatatctgag ctacattagc atatccagtg ctcagataga ttagtggcag   240

gtcagaattc agatccaggc caaagaataa cacgagggtg tcactgtagt cttacttcta   300

ga   302

<210> 1207

<211> 422

<212> DNA

<213> homo sapiens

827

<400> 1207

```
acaattttat attttttccaa gtgtataaaa actctcagag tagagattta tgtctgttgt      60

accagcagac agattattta taaattggga aagggaaagt ttactttttg ccaaactgag     120

gcagaggggg tggcacctta atatcttggc ctctctccaa cttcttttca caatccacca     180

ggtaattgac tccatcgatg actatctgaa caagctcaac ctttgacagt gaagaagatg     240

aatgattaat ttgaatagaa gcatctgcag ggcattgatt aacaggaaca gcactgtgat     300

aaatgagaac ttgccactta gatggacttc acaacaattc cttccttctc agaaatggaa     360

ggcagagata taagggttct ctcaatcttt ccatagttaa gatggggata ctactttgta     420

tg                                                                   422
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<210> 1208

<211> 389

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (286)..(370)

<223> n=unknown

<400> 1208

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tgcttactgg tgaggttgag gaatatcaca ctcgtctttc cctttaccac tgtggttttg      60

acttaagaaa gcaaaactca ctaagtttac ttctcgaatt gaagcaagtg aggcctgaca     120

tggttgtcat cactagtggc aaatgacctt ccaagtaagc agatgggaac tgaattgtgt     180

tttcaggttt tgtttttagt aggtgatatt cattcgtatc cagctcttta ttacatagct     240

ctgaagttaa aatgatttac ataggccgag ctgtggacaa acaaannaan agaagcagca     300

gcttgtagta tgcttaagct ttggggantt tnttttaagg ggatctaaaa aaatgttttt     360

agaacatgtn aaatgtttaa tggtgaaag                                      389
```

<210> 1209

<211> 401

<212> DNA
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<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (5)..(395)

<223>  n=unknown


<400>  1209
tgcanccaaa ggcaaaaaat agccattcct cgtactgaaa gaaacaagtt actcagatag      60

gcaagaagaa cagatattta ataaggnaat attccttcct gttcccantt tcaaggaggc     120

ctcntaagac atgaagagga ccnaaataac nattgnagta taacttcaca tggtggggtg     180

gggggtgtng agttcaaatg tggttgatcn aaatantggt gttactttcc nttagacttg     240

attccaacat gtnnaaaaat naggnacttt antgggagtg antttaactt cagtantnaa     300

agggcaatgc cattaagagt taggggagtg tntctcaaac ttcntcctca gangtgcttt     360

agaaattgan taccnttggg ntgaatttaa ttttnggaat a                        401


<210>  1210

<211>  445

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (25)..(47)

<223>  n=unknown


<400>  1210
accccgcggg gcagccatgc ctggncgtct gctgcggggc ctgtggnagc gatggcgccg      60

ttacaagtac cgcttcgttc cctggatcgc actgaaccta agccacaacc cgaggtacag     120

tatatcagaa gtatgagccg atctttttcc agtccattgg aaatccgttt attttttagat    180

gcctggatgg ggtactcatt gatgggaatg acaaagggat atcaaaagtt gtgtacagat     240

cttgcaatgg gagggatcga ctcggccctt tagaaatgag tgatagtaca tggctaacgt     300

```
cagaaattca taaccctctg gctgtgggac agtatgtcaa caattgttcc aatgacagag   360

cagctaatgt ctgttatcag gaatttgatg tgcctgcagt tttccctata gaactgaagc   420

agtatcttcc aaacattgcc tacag                                          445
```

<210> 1211

<211> 335

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (30)..(331)

<223> n=unknown

<400> 1211
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aaaataaagt ttttacagaa gtttgtacan atcagcagna ctacaagaac tgctgatgcc    60

tggctacaat tttataaacc accacagagc ttacaaaata aacaaagaa aaattgnaat    120

tataagttca aagagtaggt tttaatntaa taagctattg tgtatntagg tgaaaaccaa   180

tnaaacttgg nattgcatta naaatttggn aattgtnatg nagcaagtag cttttatcat   240

gaaattggna cataaatata atatcaanan aaacataagn anttcctatt ccaantaagt   300

ctcaaaatat ttgtttngca ggtagaactc ngaga                             335
```

<210> 1212

<211> 324

<212> DNA

<213> homo sapiens

<400> 1212
```
cttagaacct taaggagaca agcgaaccaa gccaataagc tttccatgat gctgcttaga    60

gttaaacaga gcccaggtac taagttatgt catggagaca gtgaactaac ctctggactg   120

cttgctacat gagacaattg attttcttat tttctatgta gggtggtaca tttcctcatt   180

ttgagatatt tcttcaacat atagcttttc attagtgggg attttgtcaa ttataaccaa   240

aaacaatgtg acggataccc aagatgtttc atgttgtagc ttgggtgaat tacacatttc   300
```

tgaagccatt acacttccta gttt   324

<210> 1213

<211> 101

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (58)..(58)

<223> n=unknown

<400> 1213
agacctgaat aatacttgct tctgatctgc atgtccaaat actttcattt ttcaagangc   60

aatgttatac caacgtcaga acaaaggaac actttatgct g   101

<210> 1214

<211> 336

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2)..(319)

<223> n=unknown

<400> 1214
gngtcagcng cgganggaat gcnggcngca tcgcggcggt cgcngccttg gggatgggcg   60

ganccaagcc gctagtgctg gtngccgccg ctgctgcccc agctggagcc cgagccnccg   120

cctctgcgtc cgcgcgtcgc tgcttcccag ggcggcggta tgctggggaa aggagtagtc   180

ggcggtggcg gcggcaccaa ggccccccaag ccctccttcg tncncgtacg tacgcntttt   240

tgaaattcac acaaacnaaa aggnagtaac agagaaggaa gtaactcttc acttgttgcc   300

831

aggtgaacag ctgctttgnt gaagccagca cagtac   336

<210> 1215

<211> 444

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (155)..(178)

<223> n=unknown

<220>

<221> misc_feature

<222> (408)..(411)

<223> n=unknown

<400> 1215
ctgggggaaa aaagacaaca gagctatttt acaactgtgc tattcccccc aaacttcacc   60

aaatgcagtt catacattca ggatttctgt cctttgtgtt tatgtgtgtt aggggtaga   120

gtaactgaga agctgggaaa aaaagacaac ggaancacaa ccacactgtt gcccacnnac   180

tctgccaaat gcagcccata catacatcat tatccaatgc agattcatca tcacccaaga   240

aggcaatctt gaagtctgtg cagacaagcc tcccatagac cccatgctga caggaatctt   300

cctggacata cttcagtact gtgctggctt cacaaagcag ctgttcacct ggcaacaagt   360

gaagagttac ttccttctct gttacttcct tttcgtttgt gtgaattncc nagggcgtac   420

gtacgacacg aaggagggct tggg   444

<210> 1216

<211> 313

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (210)..(210)

<223> n=unknown

<400> 1216
gattacagaa tgaaaaaata atagaacaac aacttcttgt ggatcaactg agtgaagaac   60

taacaaaact taacctgtca gtgacttctt cagctaaaga aaattgtgga gacgggccag   120

atgccaggat ccctgaaaag agaccatata ctgtaccatt tgatactcat ttggggcatt   180

atatttatat cccatcaaga caagattccn ggaggggggaa tcacttgcaa ggtccacaca   240

agtccgccta tgtactctct ggatcgaata tttgctggat ttcgaacaca aagtcagatg   300

ctgttggatc acg   313

<210> 1217

<211> 270

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (38)..(105)

<223> n=unknown

<220>

<221> misc_feature

<222> (223)..(223)

<223> n=unknown

<220>

<221> misc_feature

<222> (13)..(13)

<223> n=unknown

833

<400> 1217
gtattcgcag tcnatggctc attttcttta tagtaggnat atggatcttc ncctctgant   60

ttgaatatca tttggtgtgg cctgtgggtt attttcattc tttancacca aataaagcgg   120

cttattagct actcagttac ttgctactca aaggttaggt cttccctgtt cctgcttggc   180

agtgttaaag cttacagggt taacttatga tgattctcct ggntcatttt catcagaggc   240

atgatgactg gaaagggatc acatgggtcg   270

<210> 1218

<211> 85

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (28)..(84)

<223> n=unknown

<400> 1218
caaatacaaa ttttctgtta agaacggnaa ngtgcanact agnagagtca atactggtaa   60

ccagaacgca ctantccnnn cacnt   85

<210> 1219

<211> 346

<212> DNA

<213> homo sapiens

<400> 1219
aaaagagctt cttttccaag tcagataatt actttttagaa attttcctcc aacgggttcc   60

tccctggtct ctggtcccctt ttctccaccc ctccttgggg cctctgagtt cctcaggaag   120

tatttccagt atgggctgtg ggttgctgca aggcctgggg ttttcttggt aataggcact   180

ttgccacatg agcatttgac agtccagtct cgcagagggg ccgttcatca ccttgctact   240

agcccacaca ggaagaagag gctggactca gcctgtaaca gaaatctgta cagtttgttg   300

tgtttatttc ctgacttggc ttagaattgt gatgatgatt gtaaga   346

<210>   1220

<211>   368

<212>   DNA

<213>   homo sapiens

<400>   1220
cagtggtgtg atcacggctc actgcagcct cttgagtcaa gaggcaagaa gttacaaata   60

accacagatt gccagttctt ggttttacta tcatgtatta agcactaggc accgagggca   120

caacaaccaa tgagacagag ctttccccgt aaaggagaac acatccagga gagagacata   180

agtaaaacag taacatgtca agctccaagt cactacagaa taaatacatt gagtcgttgg   240

gatccagacc cttcctgtga gtcttagggt tccaggagat gcctggggga cttctagagg   300

gaaaagagga tggggggccc atgctcagct tcatcctcag cagttcctcc ttcactcttt   360

tatatact   368

<210>   1221

<211>   407

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (29)..(29)

<223>   n=unknown

<400>   1221
aaagagtttg ggtgttattc taagtgtant gaaatagact gatagattcg gagcaggaca   60

atgatatact atatttcatc tttctaaaaa gatgcacatt ttttcacctt taatactggg   120

gcacttccta cagttgaagt gatttttaaa aagcagtgca aaataggtta atttgtagag   180

ttttttttttt ctttcttagt ggttcagaaa ataattttgt tctttttaat gagtggagtc   240

ttctatttga tttaattcag taatttatat tttttaagta cagtgtttct gttttccagg   300

835

```
ttgctttttg gcaatggggt tagaggagca ggagaaaact caggatatct tctaggatat    360

tggttataat agctccaggg ccacacatat tggtagctca ggctaga                 407


<210>  1222

<211>  414

<212>  DNA

<213>  homo sapiens


<400>  1222
gttggtatca tctgttgcct tggcgatcac tcagtgatga gtcgtcagta ttttgacatg     60

tcccagtgct tgctgtacaa gaggggactc agatcaacag gaagactctg aagacaggaa    120

cctgcatggt atcttacatc tttgatactt gggtgctgat atgaagcaga gttgttgatt    180

tactttatct aggcccttct ttcttctcac ctggatcaag caactgagaa gtgtatcagg    240

agacactgga tacatatctc tatgaaatag agagggccat cgcagggcct ggtacttaac    300

tacattaacg ttctaaaacc cagtttggtt tacgttgtct ttcacagtag tatatttagc    360

tcttctctgg aaagttgtgg gtaatataat tccttaaaca tgaaaatgta atta          414


<210>  1223

<211>  153

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (133)..(144)

<223>  n=unknown


<400>  1223
ccgacacatt caatcacgtc ttcgccccct tcttcgagaa gcgccgacaa acaggacgag     60

caaccaatag caaccgaggg cggctgcggc gcgcgcggag ggccggggtc gcagggtaaa    120

tccggggcga ganctggcgc gaancttacg cga                                 153


<210>  1224
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<211> 242

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (242)..(242)

<223> n=unknown

<400> 1224
gaaatctttt ctgaatgatc aatgcatttc aatttacgaa taataatggt tattgggaa   60

ctgtttatta tagataattt taaggtgtat agctatttta aaggggtcc atttacatca   120

aacagctgat cagaggactc tatctaaatt gtgatcgtgg cagatagaga tggagtcatg   180

tactctatct ggctctacac atcaatcaca tcttgattca aacctcacaa ggcaatattc   240

cn   242

<210> 1225

<211> 492

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (417)..(470)

<223> n=unknown

<400> 1225
ggtggttaga cacccccgtt ttccactcct gtcctctctg aggtccccac acggcattta   60

gccattcagc tccttcgccg cctccagtct gaggctgttc ctctgtctgg ctttcatgac   120

cttgaccctg acttgtgctc acgggtcagg tgttttgcag aaggcgtctg agtccacgtt   180

tagtctcgtg cgctgtcacg atcagacgat cagacggggc ttcagtgtct ctgctcaaaa   240

ccccagggat gatgctgtgt caccctccca gcgtcaggct gggaggcaga cgctgttggg   300

837

```
gcctctcatg ccgggctgtt gaccttgatc ctttggctaa ggtgttggct cgggctcccc      360

atgcagttac cctcccctcg gcgttactga gcatgggggt ttcgggtctg cgtcttnaca      420

gatattcgag tctccaagga gattctgcct gntcattctg ctgtgtcann gcggggtggg      480

gggtggaatt tg                                                          492


<210>  1226

<211>  371

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (341)..(369)

<223>  n=unknown


<400>  1226
ggcatcgcag gcttgcacct gcccaacggc ggtgtggagg gtgccgtgct gggcaagggg       60

ggcaagccac agtttgggct gggcgagctg tctgcccatg ccacaccggc cttcactgcg      120

gtgctcacct cgcccttccc cgcctcgggc atgcccgtga aatttgaccg gactctctac      180

aatggccaca gcggctacaa cccagccact ggcatcttca ccttgcctgt gggcgggcgt      240

ctaactactt tgcttacatg tgcacgtcaa agggcaccaa cgtgtgggtg ccctgtaca       300

agaacaagtg cgggcaacta tacctacgat gagtacaaga ngggtacctg gaccaggact      360

gtgggcgtnt c                                                          371


<210>  1227

<211>  483

<212>  DNA

<213>  homo sapiens


<400>  1227
cagttaacat ggttgcttgt cttttcaaaa agaagttcca ttttctttga ttcccaagtg       60

catttttcct gaatcttctg tgatacaggg cacatgatag gtatgtagag agctaagctt      120

cctataccaa gttagaagtg aaatgactag tggaaaacat ttaaacttta atcttaaaaa      180
```

838

```
aaaaatagga atcaatataa aaatgcacaa ggtaatgtcg ttttcatagt taaaatctga      240

cattgtttat caaagctagt cagttaagtg gacacctgca actcaaatcc cataaacatt      300

ttagaaacgc caaccacccc tcctgaaagg tttgaggaat gaaatttggc agaagctcag      360

ctctgtgaaa tagctcccgt tttttttctt gggaccctac ttagttccgt gggctcccat      420

tgggagctga ttaaatttct gccaatcaga acccatcccc taacacatca gatgatagtg      480

ggc                                                                    483


<210>  1228

<211>  369

<212>  DNA

<213>  homo sapiens


<400>  1228
gcacaatggg agtctgggac ttcaaggcac agcagagttg ctccgtctct ctaaggcact       60

ggctgatgtg gtcattcccc aggagtacgg gatcagtcgg gaggagaaac tggaaattgc      120

tgtgggcttc tgtcttccac tgttgcggaa gatactactt gacctgcaga gaacccacga      180

ggatgagtct gtcaacaagc tgcatcccct gtactcccga ggcgtgctct ccccaggtcg      240

ccacgttcga acgcgtctct atttcaccag tgagagccat gtccactccc tgctcagtgt      300

cttccgttat ggaggacttc ttgatgagac ccaggatgca caatggcagc gagctttgga      360

ttatcttag                                                              369


<210>  1229

<211>  441

<212>  DNA

<213>  homo sapiens


<400>  1229
agtggagttc tttctgattt atgcagctga aataataaga gcaataacat aagcagtgaa       60

aatgagacag tggagtatgg ggagcaaaaa ataagtcatt aggcagatga tcaacagcca      120

ggataaaaat gagtgacatg aaaggataca ctcaaggacc catccggccc acaaagaaag      180

aggtggcctc tgactgcagc gcacatgaag cctgctcaac agcctctggg catgtgaaat      240

ctgttctata cgctgaggct ttatagagaa acgcactagc tggtgttgat ctcccaatac      300
```

839

```
aagtttcttc tggcgggaag gatcgttagt cggatgcttt gcaaacgaca cagaaaatcg      360

ttttacggcc gggacaaaca agagctcatc tcggtgcttc agactggcag gtggtagctt      420

tttgccatgg ctgcgggcgt a                                                441


<210>  1230

<211>  439

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (34)..(48)

<223>  n=unknown


<220>

<221>  misc_feature

<222>  (398)..(439)

<223>  n=unknown


<400>  1230
cccattgtta ccaatgatgt gattatgaag ttanctgaat ctatggtnta catttgaaga       60

aatagttcag aattctctac tacattgtaa gttacttgct aatagagatt gggcattatt      120

atgtactact ccccttctca catcctaccc aaagtacaca aggccgtagt aaaatactgt      180

tgctactaaa aactaaacat actgtggttg ctaatgtcct ttacatcttc agcctatagg      240

gaatggtaca ggcagaaaca agcaccatta agtatattat catcagtagt gagatctgta      300

tgattaggat atctttgctt aagcccccaa aggaaaaatt ctctagcatt aaaaacatgg      360

ctggaacata gctaagcagt taacctaatt agtagacnta ttgttaacgt tcagtcctaa      420

aaatgaaaag cttcagttn                                                   439


<210>  1231

<211>  500

<212>  DNA
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840

<213> homo sapiens

<220>

<221> misc_feature

<222> (312)..(312)

<223> n=unknown

<400> 1231
tgttgttgtt tctactggtc ggtgctcgct cactaatatc caatcctagt atgattttct   60

tttacttgtg tctattaaca gggttatgtc acaccttgtc aacctcaaaa cagatgatac   120

tcatcacttg tcttccatct tgctgttcta ttatcttcct acaaaaatag ctaatttgtc   180

agatttcaaa gccttgttat ttactgatga gcttaccaac tggacctttt gtatcttcag   240

tgtgtaattc tgaagatgca ttctgataca ctagtgaact gggggtgacg gtgaaggggt   300

ggtggaacta anggggtggg gcggcgaaca taggcaatat gccatttcct caccatccca   360

tgcttgtcat gtgagacaac agaaaggata aagaatactc tattttttat tctgaaaaga   420

taattatagc aatgatacct tccattctgt ttatttctgg atattttggc ttcaacaatt   480

ctttatatca tattttattc   500

<210> 1232

<211> 410

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (310)..(408)

<223> n=unknown

<400> 1232
aattattgta ccagggcccg ccgaggcacg aggcactcta ttttgttttg taatcacgac   60

gactattatt tttagtctga tcaatgggca caatttctaa gcagcgcagt ggtggatgct   120

cgcaaacttt tgcgcaccgc tggaaaccca ctaggttgag ttgcaaaacg taccgcgtag   180

```
acgcccctgg tggcgccgag agaagagcta ggcctgccca gcacagagcc ggagagcgtc      240

gggccttccg gaagggtcga cgagatgagt tcctacttga cctctgagcc gaggtgggcc      300

ggaaaccgan gcctaagccc cgccggggct gcaaggaaaa ggggaaactc cgagcgtang      360

cnttttcctt gtggttcctt tctcccggca tcncggactg cgggcccntg                 410
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<210> 1233

<211> 492

<212> DNA

<213> homo sapiens

<400> 1233
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catccacaat tgaaattttt ttctaagaag aaaaggagaa taatgtattc ttttcactcc       60

attagccctt gcagacatta atgccacaat ttctaatgct cagacttttc tccttccatt      120

tagaagaaat ggccccaggc aaagaaaaaa gttgcctgga ctgatgtggg gagcctccta      180

tgcagatagg tgtagttaac aggtgtgaag agattaagtg acacctaaag tcccaggttc      240

ctggctgaga tgtttgggcc acgggtttcg attaagatac accataggct ctacacgatc      300

ggccctgggg tcagcattct gaattcaaag atggggcttt tgctcaggac ctgaacccac      360

ctggtactaa atctcaattt tctcccctgt ttaaaaaagg gggcagtttt aaaaatccct      420

gctccgttga acccactaag gaggctccag aaagtcaaga acgattggca gaaacgcttt      480

tcaggcctca ga                                                         492
```

<210> 1234

<211> 428

<212> DNA

<213> homo sapiens

<400> 1234
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agttcttgct cttcacagag gtagattttt ctttacccta cagcactgtt gggcatccct       60

cccatcacat gggtctgtgg gtgagatatg ttatgctgtt cctccctcgg gaaggttggt      120

attgaggggt gccttgctcc agaggcgcca gccagcatct gtggtgagtt ggctaagatc      180

cagagtgacc tgctcagagc tccccagagg ccttcactct ttggggcagt ctctctaggg      240

tcactttctg aatgtacctt ctacctaaag tatacaaaca caaagagcca gctgagctgg      300

ttctagtgtg aaagccgtaa gtgccaccca gcaggcgttt gaaaacaaga aatcattctt      360
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842

ctgtggaagg agaatgtgcc atctcagcta ccctcagtcc gccaggggag cccagtctgt   420

gtattcat   428

<210> 1235

<211> 287

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2)..(283)

<223> n=unknown

<400> 1235
ancgtgccca ggagcttggc gtgctgcang attacntgct ggccctaacc acggacgacc   60

accttctccg ctgtgcggna caggctctgc agaacattgc tgccatcagc ctggccatca   120

actacccaaa caaggncacc cgcctctgga atgtggagtg ttagcccttg gtggggcgtg   180

catgggnnta gttcatctnc cacagggatt ttanancnga cntcnaannt cattcaggaa   240

aactcctgta gcgccagtgc ccagctctcn ttgagctgac cantcca   287

<210> 1236

<211> 373

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (366)..(366)

<223> n=unknown

<400> 1236
ctttatttga atcctgattc aaacaagtta attttaaaaa tcttttttaga aacttcagga   60

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aatgtgtacg ctggatattg tatgacagtg cggaattatt catttaggca tgaataatgg      120

taccgtggtt gttttttgaaa cctatctgtt aaagatacta tgatttatgg attaaatgat     180

aaaatgcctg gaatttgctt cagaataatt catattgagt ggatgggggt tcaaatgaaa     240

caagactggc tctgattttg gtaaatttga agctgactga tggaatactt gtactattct     300

gtttttttaat atagctgaaa tttttataag ttataaaaga aatatgcaat cctaggtgta     360

gtggcntgtg cct                                                        373


<210>  1237

<211>  380

<212>  DNA

<213>  homo sapiens


<400>  1237
gataaatgct agtcactgca tcagataact ccacctaggt tgctaagatg ataagtttgg      60

acattttata ttagtcttcc atgcatagcc atgtaatttt tataattttt aaaaagttgt     120

ctgtatcgta gggatagaat gtctgatatg ttgtcaattt tttatcattt ttctaggctc     180

catctcactc tttcagccaa tattttttga aacatgattg tatttgtaat tatattatag     240

cagatgctac tatggccatt attttcata gaaattacta tcattactgc tttgaccttc      300

aggggcttga ctagactaag atggagatgg agaagatggt gttatgtctc ccctcttacc     360

cctgacacat tttccagggt                                                 380


<210>  1238

<211>  370

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (12)..(42)

<223>  n=unknown


<220>
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<221> misc_feature

<222> (183)..(357)

<223> n=unknown

<400> 1238
cctcaccccta cngtaganna tnancnngga gtntctgggg ancctgagct tcagtctgga   60

aatggagtgg gggcctaggc tctttttaccc atggatcaag ttctacacct ggcagaagga   120

ggcatgcgct cacctagccc aaaaaggagt gaccatggtg gatactgaag gtgtggtaca   180

agngntcccc aacatctcca gcaggatggt aatgtcaagc ccaccagnat ttcatgtggc   240

ctagttacga agagtctgga tgtttgggnt ccaccttggc ccttccacca gtcacctgta   300

tgattggggg caagtcattt aacctttctg gncttagttt cctctgctac acaatgnagg   360

ggttgcatca   370

<210> 1239

<211> 405

<212> DNA

<213> homo sapiens

<400> 1239
gtgggtacag ggctgacttc tggatgccag cagtgagagg tgaagactct gggatctata   60

gctgtgttta ttatttggac tctactccct ttgcagcttc aaatcacagt gactccctgg   120

agatctgggt gactgataag cccctaaac cctctctgtc agcctggccc agcaccatgt   180

tcaagttagg gaaggacatc acccttcagt gccgaggacc cctgccaggt gttgaatttg   240

tcctagaaca tgatggagaa gaagcacctc agcagttttc agaggatgga gactttgtca   300

tcaacaacgt agaaggaaaa ggcattggaa actacagctg cagctaccgc ctccaggcct   360

accctgatat ctggtcagag cctagtgatc ccctggagct ggtgg   405

<210> 1240

<211> 413

<212> DNA

<213> homo sapiens

<400> 1240

845

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 cctttcttga ttggttcttc caaacaaatg aggcatcagt ctgaaagcca gggagttggt      60

ctgagtgaca aggaattggt ttcagatgat gaagaaagag gaacgggctt ggaagaaaat     120

aatcaagaag agcaaagcat ggattcaaac ttaggtgaag cagcatctgg gtgtgagagt     180

gaaacaagcg tctctgaaga ctgctcaggg ctatcctctc agagtgacat tttaaccact     240

cagagggata ccatgcaaca taacctgata aagctccagc aggaaatggc tgaactagaa     300

gctgtgttag aacagcatgg gagccagcct tctaacagct taccccttcca tcataagtga     360

ctcttctgcc cttgaggacc tgcgaaatcc agaacaaagc acattcagaa aaa           413
```

<210> 1241

<211> 335

<212> DNA

<213> homo sapiens

<400> 1241
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gggatttttgc tgatgagatg atactaaaca ttgagagtac tgcttttttac tctgactttt      60

attgtgttgt ctttgaaaga caaatagtac aacttttttac aaggaaacac gtaagagatg     120

gatgtccatg aaaacaatat tagtatattc tattattgtt tcttattaat agttacttag     180

tatttacaaa caatttatta ttagctgtgt taactttttat tctatgcttc atatgctctg     240

acattgacat agtggatttc tgctgatttt tttcaaatcc gcaatcttta taaccaactg     300

aagtatataa tagagcatac atttatcttt attgt                                335
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<210> 1242

<211> 259

<212> DNA

<213> homo sapiens

<400> 1242
```
aacgttcgaa ttatacaaaa tattattttg agccactaac agaagggaat ataccaacca      60

tagtttgtag gccatacaaa aataggcagc aggccagatt tcgcccatgg gtggtagttt     120

gctgacgcct gctctagatt aacaaattta cgggctttgc aagctttgtc gggcaaggag     180

gcttgacata caggttggtc gtgccgaaca aagaggaact ttctaagtat aatagaaaaa     240

agatgtcatg ccgtccttc                                                  259
```

846

<210> 1243

<211> 420

<212> DNA

<213> homo sapiens

<400> 1243
cagtattcct ggcccaatga caaagatcct gtggttgttc cttttcctac tatgactttt   60

gctgaggtgc tggccaccta tggaactgat aaacctgaca ctcgctttgg aatgaagatt   120

atagatatca gtgatgtgtt tagaaacaca gagattggat ttcttcaaga tgcacttagt   180

aagccccatg gaactgtgaa agccatatgt atccctgaag gagcaaaata cttaaaaagg   240

aaagacattg aatccattag aaactttgca gctgaccatt ttaatcagga aatcttacct   300

gtattcctta cgccaatag aaactggaat tctccagttg ctaatttcat aatggagtca   360

caaagactgg aattaatcag actaatggag acccaagagg aagatgtggt cctactaact   420

<210> 1244

<211> 490

<212> DNA

<213> homo sapiens

<400> 1244
tatgttatct cctctgattc cagcaataac agcccggtga ggtagccagg gcaagtatgt   60

attttacaca ttagcaggaa gggaggctaa gcgaggttta tgtaacttac tcaggctgaa   120

acactgaaga aaaatttgtg actctcattt cagtgatgtt ttctgcatta ttaaaaaata   180

ttatgctact cctcactata ttatgttgat ggttgaaatg tcattataaa gcttaattta   240

tatgattctc ttgatgagga tgatgaagca aatgctccat caactcacta gtttacaggg   300

gcaagcattt tcctacattt cacacataat ttgattacct ctgtcctaag tgaataatct   360

actatctggg tatgagaaac atgatttgaa aacactaaac cactatatta tttcaacaaa   420

gaaccatctt tcacacctaa gtaaaaagga acttcaaaaa aagtcctaac caaaaaaaat   480

ccaaatgatg   490

<210> 1245

<211> 395

<212> DNA

<213> homo sapiens

<400> 1245
gtttgtcagt ataaagagac agatcatact gtgtatggaa gaattagacc acaccccaga   60

cacaagcttt gaaagagatg tggtgtgtga agacgaagat gcctttttgtt tgtctttgga   120

gaatattgca acactacaaa agttgctacg gcagctggaa atgcagaaat cacaaaatga   180

agcagtgtgt gaggggctgc gtactcaaat ccgagagctc tgggacaggt tgcaaatacc   240

tgaagaagaa agagaagctg tggccaccat tatgtctggg tcaaaggcca aggtccggaa   300

agcgctgcaa tttagaagtg gatcggttgg aagaactgaa aatgcaaaac atgaagaaag   360

tgattgaggc aattcgagtg gactggttcc agtac   395

<210> 1246

<211> 490

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (483)..(483)

<223> n=unknown

<400> 1246
ataattgtat attttaaaaa caggacacgt actgtatgag taaacagcgt ggctaacacc   60

aagtccacac tggtaagctt ttgagaacca tttacactat gttgacagta gtactgctgc   120

aggcagacag cggaagaata aataatagtg cttcaagaag agtagtgatt gagaggatag   180

gtaaagaggg cgcctcatcg tggaagctag agcaggaaca cctcccccagt agtgacatgt   240

gcaaagttcc agatctccac gacaaagaca gctcaaccca ttggaacaaa cagactccca   300

atgtggctgg caactgcggg ggtagaagaa ctcaggcaaa gtaggcacag gaatggggga   360

gatgagagcc aagggacaaa cgccgagaaa gcgttccgac aagcatgtgt gttcatacat   420

gcataccccc aacaaagggc aatgcactgt gtaacagaac tgaacacaat tttacaaagc   480

tgntccccag   490

848

<210> 1247

<211> 431

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (237)..(324)

<223> n=unknown

<400> 1247
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ggaatacatt ctctggcata gccatagtca atcaccagta taattaatgt aaatggacac      60

tggatagctt ttttgtgaat tctgatgcag cacaaagaga ctttaattgt ttccaaaaag     120

aaaatgtctg agattaaaat ctagagtttt atgacttaga ggaaatttta tagctttact     180

ccaaaaaggg taaggcacaa aatattctgt gccaaggat gcatatttgg aattttncct     240

atgaanccct tngngtaagn gncatgatga aattttcttg gtttcaacac agatgatgtg     300

ttgaggtagt gttgaggctg ananccccgg tgggatgggt cttggagaag gaaaagattt     360

gttttgcaag gtttgtggag agctgatgcg gtagtgaggc taagacgagg ggtatttact     420

tgctacttac a                                                        431
```

<210> 1248

<211> 469

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (461)..(461)

<223> n=unknown

<400> 1248
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tgacctcagt gtattggctc acatgtgtta acatatttta agaaataaat cactgtgcaa      60
```

atttgaagta tttgaatagc actatcatta tttgattata tttttatata ttttattata   120

tttatctgca tttggtttat atccacaggg tttttagtca tagatacatc tgtaatttat   180

atgccaatta catatgataa tgttatttgt acctccaatt tttttttctca tattggtgat   240

ccctaattcc aggtgtggta gagctcacag atcatgcaca atcttctcac tatgtgcagg   300

cccttggta gcaaacacaa aagaaaatca agagatataa agagatcata caaaaggaat   360

tttgtatatc ttctgtaaac agaaagacag attggaaatt tgtaagcaaa gttgcaatat   420

ggaaatagga aaaggcattt ctgaataagg gggatgttta ntcaagagg   469

<210>   1249

<211>   419

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (209)..(355)

<223>   n=unknown

<400>   1249
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accaaggaac caactcagca caggaatgcc atttcttcat ctccctgtcc catgatttca   120

cccctcactt cttgaccaat cagcgatccc tacactagct catcacccat ccagacccct   180

tggaagccca tccccaacct ccctggtang gctggcaagt ggagagtgaa gacttggaag   240

cagcagcaca gggcacatga tcttgaccct gctgtggaca ctacagcaca gcanaaagcg   300

atggcagcat ctgacttcat gggcagccca agcagtctgg ggtgtgggcg gtcanagtgt   360

gattattagt cagcgttaaa gagactacat taaccaatgc cataaattgg actggataa   419

<210>   1250

<211>   397

<212>   DNA

<213>   homo sapiens

850

<220>

<221> misc_feature

<222> (59)..(367)

<223> n=unknown

<400> 1250
caaaatatca tctccacatc taatccattt acaaaatgtg tcaatgaggt atttcactnn   60

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   120

nnnnngtcac atttcaagta ttcagtaacc cacatgtggg ttgaggttcc catatggaac   180

agcactgttc tctttagact gttaggccct tttaccactt cctttgaagt gaggttctct   240

catgctccta ccactgctgc cacatgagaa aggannnnnn nnnnnnnnnn nnnnnnnnnn   300

nnnnnnnnnn nnnnncacag natacatgta tccacaggat ttgatataga tttgcatttt   360

caagggncct gcctaggagc acatgaggac tctacag   397

<210> 1251

<211> 388

<212> DNA

<213> homo sapiens

<400> 1251
gtgctttcaa aagaattggc gtccgctgtt cgcctctcct cccgggagtc ttctgcctac   60

tcccagaaga ggagggaagc acagtatgaa gactttggag actcaaccgt tagctccgga   120

ctgctgtcct tcagaccagg acccagctcc agccatcct tctccccacg cttccccgat   180

gaataaaaat gcggactctg aactgatgcc accgcctccc gaaaggggg atccgccccg   240

gttgtcccca gatcctgtgg ctggctcagc tgtgtcccag gagctacggg agggggaccc   300

agtttctctc tccactcccc tggaaacaga gtttggttcc cctagtgagt tgagtcctcg   360

aatcgaggag caagactttc tgaaaata   388

<210> 1252

<211> 270

<212> DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (30)..(250)

<223>   n=unknown

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cgccccccca caccaccaga gctgaagccg acattcnagg tggacgtggc gcgnagagag   120

caaggnaagg cncanctcct ctccttcgtc cccactctct ntgggctcag gaaacacacn   180

ctgaccggan gcagtggcca ggagnggcag gctagggngc aggctcacgc cattggtgca   240

gtnnttctgn ggcagaaaac tcaacacggg   270

<210>   1253

<211>   309

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (285)..(296)

<223>   n=unknown

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tctgcactaa ctgaaggctc ccctgtggcc agcactgttc tgggtgtggc aggctggccc   180

cccggcagga gagagctgcc cgaggccctg ctctcctgca gcttgcattc cccagtatgg   240

gacgtgaacc ttcaacaaat aaacggattc atgagcaact gtcangtagt gagaantgat   300

gctgtagtg   309

<210> 1254

<211> 367

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (334)..(352)

<223> n=unknown

<400> 1254
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tccaaaatct gtaacactcc tgtcccaagc atttcagata agaaacgctt agcccgtctt   180

gggaaacagc agccactgga tggaaagggg cagccagtag cagaggcctc agcccctgcc   240

ttcatcctga gaatcttctg taacaaaagc tgccagcttt cagggaagaa aaagaattct   300

gtggccttga cttaagccca gagaaacagg aacngcaaaa ccttgttacc cagcagaaca   360

gacagag   367

<210> 1255

<211> 295

<212> DNA

<213> homo sapiens

<400> 1255
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gaatcagatt aattctctgg gttgcaaaga ggctattctg caagcccctt acagtggccc   120

tgaaagctca ataagtgttt tgtacctctt gtaaatgtgc cattgtgtga agcattaaac   180

ccaacatcta gaattcagga ttcatccaga ataaaaggat gtaaaatctt tcccaacaga   240

agagtgttac ttttggtcag acaacttcat gggttcttac tgcacattaa attat   295

<210> 1256

<211> 386

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (352)..(352)

<223> n=unknown

<400> 1256
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ccgagaatat attgcaatgt tccataagtc ataatttaat gtgcagtaag aacccatgaa   120

gttgtctgac caaaagtaac actcttctgt tgggaaagat tttacatcct tttattctgg   180

atgaatcctg aattctagat gttgggttta atgcttcaca caatggcaca tttacaagag   240

gtacaaaaca cttattgagc tttcagggcc actgtaaggg gcttgcagaa tagcctcttt   300

gcaaccccag agaattaatc tgattcctct ttcctcagcc ccacgcctac cncccaactt   360

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<210> 1257

<211> 587

<212> DNA

<213> homo sapiens

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<222> (373)..(375)

<223> n=unknown

<220>

<221> misc_feature

<222> (536)..(536)

<223> n=unknown

854

<400> 1257
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tgaggcagcc atggagactg acatcacaga acagcagcaa gcagctatgc agcaggagga   120

gagagtactg actgagcaga ttgagaacct acagaaggag aaggaggagc taacatttga   180

gatgcttgta ctggaacccc gtgcctctga tgatgaaacc cttgagtctg aggcctccat   240

tgggactgct gatagctcag agaatttgaa tatggagtct gaatatgcta tctctgagaa   300

atcagaaaga agcttagccc ttagctccct gaagacagct ggcaagtctg aaccttccag   360

caagttgcga aananttaaa aagcagcaag actctttaga tgtcgtggac tcttcggtct   420

cctctttatg tctgtctaac aggcatcatc tcatgggacc agaaaactat ttcagattta   480

ttccaaatct ccattctacc gagctgcctc aggtaatgaa ggcctgggaa tggaangacc   540

attgggccag accaattcct ggaagacaag cctcagttca tcagcag   587

<210>   1258

<211>   452

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (452)..(452)

<223>   n=unknown

<400> 1258
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aattatattc taccctagct cctaactatc ccaaaataaa cccaaaggct tttgctttca   120

cggttaagaa agatttatac gttttcttca aatgtcagaa atgagagggt ccctcaggac   180

agcaatatcc cccctagttc aacacccacc_tttgggaagg gaaaagaggg tgggggagag   240

gcaactacaa ctgacccaaa tccccaggcc ctaggtggct ttgtatagta aaaatctcaa   300

ttcaaataca acagccaagg cacagctggc accatcccca gcaggctttc tgcttctgca   360

ggaggcccag gaattcagca catacagtct tagccatatg cttagaaaag aggcaggacc   420

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855

<210> 1259

<211> 550

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (412)..(511)

<223> n=unknown

<400> 1259
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tatgtcacca ctgcctaaat ctaactagac cagggtccaa atgccatcca ggccaggcag   180

gaaatatacc tcatgtgaaa gacagtaagg agttgtgggc agtgtaacaa acaggagagc   240

tatgccccaa ctaaaaggag cagctgctac tgcttagttt cagccagttg caacagtatg   300

tgggaatgta ggctgcatgg ttgttaacaa gatagatggt aaaaagatgc cagaagatac   360

agaagatagc aaagaatgtg gggaatttgg ataccacaca tagcgagaga cnatgaagca   420

tgcttcccag ctcgccagag tgtcacacag ctgctcatct gccacctgcc agacattaat   480

gtttcctgcn ctacctaaac cccctcttta nctgatattt taattcgaga ctctagtaca   540

tgcccactac   550

<210> 1260

<211> 412

<212> DNA

<213> homo sapiens

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<222> (67)..(165)

<223> n=unknown

<220>

<221> misc_feature

<222> (360)..(360)

<223> n=unknown

<400> 1260
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attcatnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnntttg tataatttca   180

ctcatatgaa gtttagaaca ggtaaattta acctttgata taaaagaatg agaacagtag   240

ttatacctga ggggtgggga ggggatagac tgggagaggg atttaggaaa ctttctgaag   300

atgattgcaa tggtctaaat tttggaaagg gtttgggtta cacaggtgta tatgtctgcn   360

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<210> 1261

<211> 601

<212> DNA

<213> homo sapiens

<400> 1261
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gaacctgata gtgactccta tagcagcagc ccagacagca cacctatggg gagcattgag   120

tcactctctt ctcattcctc tgaacaaaat agcactacaa agtcagcttc ctgccagccc   180

agggagaaat ctggagggat tccttggatt gcaaccccat catcttccaa tggacagaaa   240

agccttggtc tgtggacaac tagtcctgaa tcaagttcca gagaagatgc aaccaagaca   300

gatgcagaat cagactgcca gagtgttgct tcagtcacta gcccaggaga cgtttcccca   360

cccatagacc tagtcaagaa agagccttat gggctttcag gactgaaaag agcttctgtt   420

cttctctcag atccatctct gcagctgaag gaaacaagag tacagtggat ctattcaaag   480

cttaacttct gtaggttcca aggagacacc caaagttcac caaacccaga cctgctccga   540

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t   601

<210> 1262

<211> 374

<212> DNA

<213> homo sapiens

<400> 1262
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tattttctgt ttcaactaag gatagacttc agaaggcata gcttcccttg taacgttttt   120

aaacatcttt ttcatttgta gaagaacatt tcaaaagccc aaattaaatt atcattaaaa   180

tactttgaca ctttacaatc ttccagtgg aatttaagtt gtatgccttg atactgtagt   240

tttacagttt ccccatcatt ggtaaatatt cttctatgat gccactataa tgctactggt   300

agaaaatatg tgcatataat ttatcagtat attttcatgt aaaattttat aaaaatctcc   360

aaagtatgga agta   374

<210> 1263

<211> 419

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (64)..(64)

<223> n=unknown

<220>

<221> misc_feature

<222> (357)..(357)

<223> n=unknown

<400> 1263
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858

tacncttgaa tgtgtggcgt tattggtgca tgaccaacgg gctcaaagac cacacagaca   120

tcaccaagat ccctgcagtg aagttgaacg agctgctcga gaacttttat gtcaccgtca   180

agaagagcga cggctcggac ttcctggcca cctcgctcca tgctattcgc cgaggcctgg   240

accgcatcct gaagaatgca ggtgtcggtt ttccatcacc agcagcacct tcagctcctc   300

caccaagaaa ctcaaggaga agctgtgggt gctgagtaag gcaggcatgt cgggcgngcg   360

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<210>   1264

<211>   339

<212>   DNA

<213>   homo sapiens

<400>   1264
aaatgaattt cctcactctt gtatgtaaca attatacatt gtgttagatt ctaaaagcta   60

acgaagttga cgcacatttg gataaaccat ccgaatgatt tagactcatc tagtttcatt   120

ttaaaaagca aaccccaagt caaagggagg gcaggccaca ccaggggaga gccgccagac   180

cgggaggtca cacctggtca gcccctgcct ccaaggagct ccagctgctc caaccctggc   240

tggcccgagc aggtgacagg gcagtggccg ggccccagtg ggggctcact ggcagcagct   300

gtgggagcca agcctccggg agacctgagt gaacgagac   339

<210>   1265

<211>   89

<212>   DNA

<213>   homo sapiens

<400>   1265
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ctttagtgaa aatatgggca taggccagc   89

<210>   1266

<211>   476

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (178)..(470)

<223>   n=unknown

<400> 1266
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tttcagtttg ttcattgatt gccattctaa tacataaagg taagaatttt agtgaccagt   120

gttttgtatc tgactcttat tttagaattt ccagtgttcc aaggattcct tattaatnaa   180

ttcnctcagg tcttgagnga aaagttttga tntagaaaag cagattntgn naaatatacn   240

nnaagngtgg caaatggntt agacagtnat ttggaccctt ganaatttta tcaagctgtg   300

tgatcaaaaa gctagtcctt annaattctc naagtatgga aaggaaggaa gggntactac   360

ttatgttaag caanattatc ccattttgag anaaacaaga cgatctccgc atggaagttt   420

ctttgcttnt cattttaagg tactnccaga gtagcaatct tgttcatgtn aaaatc   476

<210> 1267

<211> 256

<212> DNA

<213> homo sapiens

<400> 1267
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cactgactct tgctctggtt gttgtactct tatacgtgaa tagactctta attcagcacc   120

tatagccttt tgttgtgctt ttttgatgtg tctgccttca ttagactatg atgtctttga   180

gagcaaagac tatttttcct tactctttgc atattctgca tctgagacac tacttgaaat   240

atggttggca tcactg   256

<210> 1268

<211> 439

<212> DNA

<213> homo sapiens

<400> 1268
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tcctccactc cctcaggagc actgtgggta tgagaggacc tgcctcacag ggtggtggtg   120

gcctgggtag tggctgctgc tgctgcccct gtgtgttgta tgtttatcca ttgtatgtgg   180

agttctattt gggttcattt actccctcag agttgaaacc agaacataga aaacctgagc   240

ttcctggaag gtaaaaagtg ccgtgaaccc tagaaatcat ttagacaggt ctcagttact   300

gaaatcacat gtctaagaaa gtgtgaccag ctaacgactc tggcctgggg ctcagcccac   360

tgacatccga gttctggtct ttgtgaaaag cagcagagag cagctctgcc ggttgcaact   420

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<210> 1269

<211> 501

<212> DNA

<213> homo sapiens

<400> 1269
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catcaagagg tctcaaataa attttaaaag gccagaaaat gatatatata ctatgccatt   120

taaatcactt ctatcttctg tacttaagaa ctcaagtata gaaataaact gtgggctgaa   180

gtaacattgt aacctgctcc caacatgact gcataggtgt ctaaggttaa gtgtgaagat   240

tactgtgagg tctcaagtta cttgactaat caatcccatt tgaatttcaa tccaagcagc   300

atattttaca cacacctgaa ggaaatatct tcagtgtgtt catgtgtgtg tctatgtgca   360

tgtatgtgta ggggataggt gtaattaggg aagggctgac cgaacaacat tgataagtac   420

atgctagaag tctgctgttg ttggtaacac agaaacatac acagtcttca tattcaaagt   480

cttcacgggg atgtcttctg t   501

<210> 1270

<211> 366

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (116)..(253)

<223> n=unknown

<400> 1270
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acctatttct gtttataatc caaaatttat cagccttggc cctactgata ttttgnnnnn   120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   240

nnnnnnnnnn nnntttaat ctatgtgtaa cacaaatttc aaaacacttt ggtgagtaca   300

tagcatggat tatgattttt taaaaacttt gtttcttttt aagctgattc tattctagtc   360

atggtc   366

<210> 1271

<211> 401

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (157)..(304)

<223> n=unknown

<400> 1271
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ggcatcattg gagatgcaac accacctgca cttaagagag ctgcgtgctt caggtatagc   120

gatctgtgtg ttgtagctgg tctgaaataa ctagacnnnn nnnnnnnnnn nnnnnnnnnn   180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   300

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attgggcagt ttctgtttac acccaggtct gtgggcatat g   401

<210> 1272
<211> 432
<212> DNA
<213> homo sapiens

<400> 1272
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taagtgcaga agaaaatttt ctatctctgc ccctttgtat cgctggaatg ttgttgaaca   120

cgtattacct ttataataaa aaaaccagag cactgaatgt tttaccagca actgatatgg   180

tgacaactgt aagtagaact aataaactgc ctaatgtgct ggtaaaattc aagaggaagt   240

tattttttat tattaccaat gagtagaatt atatccatga ttacaaaaat taagtaatgt   300

agaggggttg ctattaaaat tataattaat cctaagtgcc tgacaatgct ggatacatta   360

aaaatgtata tttgatagtt tttaattcag agtcatttct tttctataaa aaatgcaaac   420

aatttatatg ca   432

<210> 1273
<211> 126
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (122)..(122)
<223> n=unknown

<400> 1273
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accaatttat ttattcattc aggcagtcag tcaattcatc aagcattttt tgaataccaa   120

antttt   126

<210> 1274
<211> 437

863

<212> DNA

<213> homo sapiens

<400> 1274
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acctgactct taggggattt ctcctgagaa tttggggggcc ggggggagagg gttgtaggcc   120

taatccgttg ttgttgtatt ttgactgggg gcttgatttc ttttgtcggg agctgagcca   180

ggaagggttc gcatggctgc ggtgtgcttg ctaatatcgt cactctgact tctgcagagt   240

atccgagagg ggtctcctgg gatctcagtt ttaaggttct ctggaaggta caatggtcag   300

ggaccccact cctccaggag attctgatca aaggtcacgt acttcgccag cctctagtgt   360

ccagccagaa gtcttaaatt tattcatccg taagattgag ataacatctg gctgggctgt   420

tgtgagcatt gaaagag   437

<210> 1275

<211> 461

<212> DNA

<213> homo sapiens

<400> 1275
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agaggtcttc aattataact gaataaagtt ttctaaaaaa tggggataaa aataacatct   120

tcagcctgtt gtagggattc actgaatatg ttaaagcact ttatcataat acctggctcc   180

gagtttgatg ccgctgacac ttagatatca aactcaacct ctctaccaag ctcttcatcc   240

aaacagacta ggggtaaaga ctgtctaaga ctatacagaa agatcatgta tctgaggaat   300

taaaaatagg gcataagatt tggcaatgtg tcactcggca aactcaataa actagtatta   360

tcaaggcaaa aaatatatac acaaaaagaa ctgggttaaa aaaatttttt tctatggact   420

tttaacgtga taactcatga cacaggggtt aggtcttcag t   461

<210> 1276

<211> 286

<212> DNA

<213> homo sapiens

<220>

<221>   misc_feature

<222>   (275)..(275)

<223>   n=unknown

<400>   1276
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accaggctgg gaaccagggc ttccttggtt gtggtcagca atgagtctgg atgacaattt   120

gtcgggcacg agcggtatgg aagtggacga ccgcgtgtcg gcgctggagc agcggctgca   180

gttacaggaa gacgagctgg cggtcctaaa ggcggcgctg gcggatgctc tgcgtcgcct   240

gcgggcatgc gaagaacagg gagcggcgct acgcngcggg gcaccc   286

<210>   1277

<211>   205

<212>   DNA

<213>   homo sapiens

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<221>   misc_feature

<222>   (201)..(323)

<223>   n=unknown

<400>   1277
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atatcatgaa gtgaaagaat cacgttgtaa gatgttaccc tttatgtgaa gaaaaaattt   120

taaaaaccac aaaacaaatc tattttgctt atgtaaatat gtatgtaggt aaatggggaa   180

aagtctggaa gcctgtatac naaat   205

<210>   1278

<211>   503

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (267)..(323)

<223>   n=unknown

<400>   1278
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ttttgattat actttctgc ctcattgtgg taaggacaat aattaattca ggttgtcaga   120

atgcagtcct gtttctgtgt ggattcagag ctcacaaact gaaaaccaaa gccactttcc   180

ctgaatattc cagccgtgct gagcctagtc cctttgtgag atttgtcacc atttcttgga   240

caccatatga gagacttcag aggctgnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   300

nnnnnnnnnn nnnnnnnnnn nnngtataaa aatgcaataa cagatataac aaaaactctc   360

cttgtgccct actccctcat ccctgaagca tgtatactaa atgcagagta gcattacttc   420

agggatgagg gagtagggct actctgcatt tagtatacat gcttccagac ttttccccat   480

ttacctacat acatatttac ata   503

<210>   1279

<211>   435

<212>   DNA

<213>   homo sapiens

<400>   1279
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tttttggaaa gatgaacctt ttctcagatt attttaagcc cttgttcttt ttatccttta   120

gcatttcaat aggtgaagca ccataccggc tttatctttt ggagagcttg aatcctccca   180

tgaactggag agtccctccg ggtttcccta ggagtccata tttagttttg ggttttgaga   240

tgatccatga ggaagcttga tttagttttt gaggagggaa tcattacaga tatctaccca   300

gctcactaat tcacatgatc ttatttaatg tggagaactt aatttattct aaactttcca   360

gctgtgaaac tgatgctttt aaaagttttt gtaagggaag aaagaaagac ttcactgcaa   420

tgtctgtttg ataca   435

866

<210> 1280

<211> 504

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (460)..(460)

<223> n=unknown

<400> 1280
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agaattgggc aatgtcaagt aatacagata aattctgcta cacagtggct cagaatgtta   120

aaaccaagac aaattatatt ttaacatgcc ttgcattaac tataaaaat tgcaaacatc   180

aacctaatga ctcttaagat ttagaatata aaatacattt ctattttccc ttccccattt   240

gaagagaatt aaaatttcaa tttttttcatt cttttactc cacttacaaa gttattacca   300

ataagcaaga aattacattc cttttatttc taaatacttc agttatgact gagaattcta   360

tttcacaata tcaattcatt catgtattta ttgaccattt atctacattc aaagcattat   420

atgaatgcag accaaccaac tcaatcctga tttctgaagn taaatactac gaataattgc   480

taaaggcaga cttttctcaa gact   504

<210> 1281

<211> 439

<212> DNA

<213> homo sapiens

<400> 1281
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aaagaggcga ctgataacgt tcaatgaagc ggacgaaagt gtgaactata agactggtcc   120

taagccagtt agattttttgg gcccttccac aagtacccaa attaaagtca agaactcggc   180

ctcagtcacg gtgtctccag ccagtgccat ccagacgtcg gctgggcga cacaaaccgg   240

tttcaaagtg gtagccgcag aaaggcagct cagcgctctg caccttccag agccacggtc   300

867

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ctggtgggca cggggggcacc tgggcatcct caggcttccc ctggggctgc gagcgctgaa      360

aatggaggca cgcacttacc tccagctaag gtgctactct ccgacaagaa gcctacaccc      420

cagcgggtga taaagctga                                                    439
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<210> 1282

<211> 442

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (356)..(425)

<223> n=unknown


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taccctgttt tatgagctta ttttttaaca tagtgaaggc atactctcac tgaaagtaga      120

aatatgtgat ccaattacaa aacataacat ttacgaataa acacacacaa ctgaatagtc      180

atgaaaaaat agaggattag tcaaaatatt ctgtttaaaa atattaaatt caagttacat      240

ggaaatttta tgcataaaaa tcatattgta taatcagaat gaatcttcag tggtcatttc      300

tgaaaaacaa atactaactt tagttaaaaa gttaaacttt tacttctctt tttcanngta      360

ttttcaaaac ttcactattc aaattaaata ggatantnta atnatttact tcaaagatan      420

tatanaattc tgatcccaag ag                                              442
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<210> 1283

<211> 302

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222>   (262)..(262)

<223>   n=unknown

<400>   1283
tgataggatt gttaataaga aattggttta taaaaccatt gttttgaact cacaatataa   60

ctcctcttag aagaaacatt gcacaggctt tggtccttgg gctggcagga aaagtccatt   120

tggtgtgtaa tcctaaaatt ctgcattgct atagagcaag agcacttatg ctgaaatcca   180

tgagctcttt gaaattgtgt aaaatttgga gagctttac atctctcatt tcactgtgta   240

tctgattttc aaagagaaaa antgttaaaa aggatagaaa acacaagctt agaacagtca   300

ct   302

<210>   1284

<211>   251

<212>   DNA

<213>   homo sapiens

<400>   1284
gtgcgcttcc cagggatctt gagagtgaag atctcgaagg atttcatagt taagttgctt   60

ttacagagtt aacaggtctc caagaaattt taaaaaaggt cattattgct gtggtttgag   120

ctcagcatgg ctgtagtcat ccgtttactg gggcttcctt ttattgcggg gcctgtggat   180

attcgtcact tcttcacggg attgactatt cctgatggag gagtgcatat aattggaggg   240

gaaattgagg a   251

<210>   1285

<211>   174

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (162)..(162)

<223>   n=unknown

<400> 1285
ggttcccaaa attctgatgg ggtcaaagtt ctgagactga gatcagagtt cctccagtgc   60

tctgttcttg agcaacctag agactcctgg atattctgtc ttgtacccct cagaccatcc   120

aacggcgact aaatgagatt gaggctgcct tgagggagct anaggccgag ggcg   174

<210> 1286

<211> 179

<212> DNA

<213> homo sapiens

<400> 1286
atttgttcaa gtaaatgaga ggagaatctg ctgcatggac aaagcctcag tccttcctta   60

aaatgttgac tgctaccttg atttacaatt cgtaccttcc ctactttgct gcatttttcc   120

ttttcagcac ctcccccccac ttttaaaaaa ctaatttgct cttctctggg ctttcccct   179

<210> 1287

<211> 90

<212> DNA

<213> homo sapiens

<400> 1287
cggttgattc catcaattcc atcgtttacg tttgctattg tgaagggtgc ttggtttttt   60

caaaattggc ttcctcagat atttgcaaaa   90

<210> 1288

<211> 433

<212> DNA

<213> homo sapiens

<400> 1288
gtttctcgga tgaactttat gtggacgtga cttacatagt tcagccagac cctcctttgg   60

agctggctgt ggaagtaaaa cagccagaag acagaaaacc ctacctgtgg attaaatggt   120

ctccacctac cctgattgac ttaaaaactg gttggttcac gctcctgtat gaaattcgat   180

870

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taaaacccga gaaagcagct gagtgggaga tccattttgc tgggcagcaa acagagttta     240

agattctcag cctacatcca ggacagaaat accttgtcca ggttcgctgc aaaccagacc     300

atggatactg gagtgcatgg agtccagcga ccttcattca gatacctagt gacttcacca     360

tgaatgatac aaccgtgtgg atctctgtgg ctgtcctttc tgctgtcatc tgtttgatta     420

ttgtctgggc agt                                                         433


<210>  1289

<211>  214

<212>  DNA

<213>  homo sapiens


<400>  1289
gcccaagcta ggaagtggtg gagttagaat ttgatgtcag cacccagctg accatggctt      60

aaacagatga ggctttgttc aaaggctgtc ttttcagtgg ctcagctgtg tcacagtcga     120

tgttttctgc aatctctcaa cctttccatt gtggtcatga ggagactcct atggctccag     180

ccattgcatc cacagtgaag actgaaagaa gggg                                  214


<210>  1290

<211>  486

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (110)..(112)

<223>  n=unknown


<220>

<221>  misc_feature

<222>  (311)..(421)

<223>  n=unknown
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871

<400> 1290
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cattactttt atgaacagaa aaaaacatgt cttttccta gttaacagta atttccacgg      60

aggagtttct tatctgtttc aaaatatcta caaggaaatc agtaggaatn gnggcttaga     120

aaatgtcaac tgaaatgaga aacagaaaat atgcaaagat ctgaaacact tctggtccca     180

agcatttcga taaggaatat tcaagctgta tatagagtct tcattttaa tgaattttta     240

tgatcaccat tccaccataa atgacttagc cagttcccca tggtggacat ggaggttctt     300

tccaaatttt nacttttaaa atcaatagca taatganaac catgtagcct gcacacatat     360

naatatatat gtaggattca ttcccagcag gtttggtgag acaaagggtt tatgtatttg     420

naatttagtg actgataaac tgcccttcat agaagatgta taagaacctt cccacacccc     480

ctttga                                                               486
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<210> 1291

<211> 379

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2)..(2)

<223> n=unknown

<220>

<221> misc_feature

<222> (304)..(361)

<223> n=unknown

<400> 1291
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gngtggggaa ggtagaacta tgtcataact cttaggagtg agtggggaag gtagaactat      60

gtcataactc ttaggagtga gtggggaagg tagaactatg tcataagcct taggagtgag     120

tgagaaaggt agaactatgt cataaccctt aggagtgagt ggggaaggta gaactatgtc     180

ataacccttа ggagtgagtg aggaaggtag aactatgtca taacccttag gagtgagtgg     240

ggaaggtaga actatgtcat aactcttagg agtgagtggg gaaaggtaga actatgtcat     300
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872

aagncttagg agtgagtggg gaaggtagaa ctatgtctta actcttagga gtgagtggga   360

naaggtaaga acctatgtc   379

<210> 1292

<211> 250

<212> DNA

<213> homo sapiens

<400> 1292
gcagaaaata aatcataaac aaacaaatgt aaaataattt cagatagcaa taagtgctgt   60

cggggaaaca gaacaaggtg atgtgataga tttggattga gtggctagtt tagagtagga   120

agttagaaaa agcctttctg agaaggcaac attgagctaa gatttaaatg atcaaacacc   180

agctatgtaa aaatctgcga aagtcaatct ggagggaggg aatggttgga gtttggtgag   240

tttgaggact   250

<210> 1293

<211> 344

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (36)..(86)

<223> n=unknown

<220>

<221> misc_feature

<222> (218)..(336)

<223> n=unknown

<400> 1293
ggagaatcta ggactgggtc agtcctatga ccatangact cctgattctg gccaattctc   60

attatgcatg atgtctgcaa agtcanatct gagtgaggac ttccaatata aattgtgtaa   120

873

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gaagtaagaa aggagaaagg gcagctgaag ggagatgggc acttcatcct tctgctgccc      180

actaccctga acctgtctgc ccctgtcctc gtgagcangg ctggatgtga acagaggact      240

agntgaggtg acttccagac accctctggt tctgtgattt gataaattct gcctgaagtc      300

caggcnctgt gccacccttc tgggnagcag gagttngcag gggg                       344
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<210> 1294

<211> 416

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (130)..(130)

<223> n=unknown

<400> 1294
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gacctcccag ctgaaggcag ggaagggcct gaccatcgtg ggctctgtcc ttgagggcac       60

ctttctggaa aatcatccac aggcccagcg ggcagaagag tctatcaggc gcctgatgga      120

ggcagagaan gtgaagggct tctgccaggt ggtgatctcc tccaacttgc gtgatggcgt      180

gtcccatctg atccagtccg ggggcctcgg ggggctgcag cacaacactg tgcttgttgg      240

ctggccccgc aactggcgcc agaaggaaga tcatcagacg tggaggaact tcattgagct      300

ggtccgggaa accacagctg gccacttagc cctgctggtc accaagaacg tttccatgtt      360

tcctgggaac ctgagcgttc tctgagggca gcatcgacgt tttgtggatt gtgcac         416
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<210> 1295

<211> 414

<212> DNA

<213> homo sapiens

<400> 1295
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taccaatata attaattctg ctgctgaatt tggttcatat tgaatgtggt aacccttata       60

tgtggatata ttcaaacatg tggattgatt tagatcatcc gttttgtctt tgttttttag      120
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gactttgcta tttcaatatt aaagatgtct tttgaatact gtagcagcag tagaatccct   180

atgttcttga aaatgcaaaa tgtaacatga gttgcacata gactctctag cagtagaaat   240

ggaatattct aagtgcagaa gtttggtttt agaatctgtt aaggaaggac ggcccaatct   300

ttgaaaaggt acagctttct caactttgaa catctggggg aactcttctt ggaagtctga   360

attttaatat ctttaatcca atggctctaa attaaccaaa cattaaaaaa tgga   414

<210> 1296

<211> 468

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (32)..(32)

<223> n=unknown

<400> 1296
cattaagtgt actgtacata aatgtattat anggaggggc aataagccaa taaataacat   60

cgctttaaac actataaagt ccagtttata gcgaattatt ttctacagta caaaacgaat   120

acagaaaaca catttggaaa gatcacagtg tttagaacat tgtaacagca gttgtaaaaa   180

ccataaagtg catctctaag cttctgactc tatcttgctt atagagattt cattatacca   240

tgcagtgggc tgtgagcaaa ctcccacatg aaagggaagc aatatcaact gactagtact   300

atcccctgca gaacaaccaa taacaaaagc taaattctga tgagcatttg caagttgatc   360

cttcttagtc tgcacaccag ctaacttgct ccagtgatca cgtctttctg tattatcatt   420

tgccattttg tccttgaaaa taatatatat cttatagctt atgattgc   468

<210> 1297

<211> 437

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (201)..(356)

<223> n=unknown

<400> 1297
ctttcccatc tcttcatggc tgatttctca gggacataca gaggaaccag tggaagctgg   60

ctttgatgtg agaggtgtat actcacacct attacattca ccttaggata agtaggtcag   120

aaccatttcc tcactttgat tattcagttg cagagaaagg gagatttttt tctccacccc   180

catgatattt cagagtcatt nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnccat   360

tgacagtgat ttaaccattg atgactagac tgataagact gaagtcttga atacagaccc   420

agttaagttt actttag   437

<210> 1298

<211> 389

<212> DNA

<213> homo sapiens

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<221> misc_feature

<222> (68)..(91)

<223> n=unknown

<220>

<221> misc_feature

<222> (293)..(338)

<223> n=unknown

<400> 1298
cacctgtgct cagaaccggc tctgtcctcc gctggcttgt gggctctctg tgcctggggg   60

ttctctgnaa aatgaggtat tagttgtatc natctcatgg gattagtagg tggattaaac   120

876

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cagttaatac aggtaagtac ttaatgaatg tgtccttcgt tttgaacgta ttgattggtt      180

tctctctatt gttttctata ggggacaagc tatgggaggt acagtgtgag tctccgacct      240

tcacagtggc gtggcacccc aaaaggcctc tgctggcatt tgcctgtgat gtnaaagacg      300

gcaaatatga cagcagccgg gaagccggaa ctgtgaantg tttgggcttc ctaatgattc      360

ttgagaggag gttgtaggga gatgatgcc                                       389


<210>  1299

<211>  223

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (45)..(67)

<223>  n=unknown


<400>  1299
aaattatata tatatttttt taattattta aaaaaacttc catgnncttc cattcccctc       60

cctccanact aggtattgtc caagttgtat caaatgccac aaagtctacc atgcacccag      120

aagcagagaa gacaggaggt ccagaggaca aggtatgctg gggtcactac tcgcactgca      180

gagtccacgc gagttaactc atgctggggg caaagaatgg aaa                       223


<210>  1300

<211>  384

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (46)..(46)

<223>  n=unknown
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<400> 1300
gacggcatcc cctgtgggtg ccagcatctg tgctgcgaat gtggancact gcagttcttt   60

gacttttctt ttcccagaaa tgggattccc ctcctgcttc tgagccagtc caagacatgc   120

tggctgcttt atttactgct ccctttgtgc ctcagaagtt ccctgttgaa tagtgttctg   180

tctttggtgc tctacctgac atgtggttaa ctacttgctt ttttggtcct ttgttgtgca   240

ggagttgagt gccaggctca cggttttttg attaccatag ttttgtagtt tttgaaattc   300

agaagtgtga gacctccaac tttttctttt tcaagattat tttggctgtt gagtcaatta   360

tgattccata tgcattttag atgg   384

<210> 1301

<211> 319

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (54)..(146)

<223> n=unknown

<400> 1301
ccatcttcaa attagaaact gggccctcag acaccaaacc tgctagtgcc ttgnnnnnnn   60

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   120

nnnnnnnnnn nnnnnnnnnn nnnnncaga cttagacact gtatgattcc attactggaa   180

ctctagaaaa gcaattctaa tctttctaaa aagataggaa agagtcattg tttggagcca   240

gcaaagggga aaggattgat tgggatggga cacataggaa attgccggtg tgatagaaat   300

gttttgtctc tatctatga   319

<210> 1302

<211> 384

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (6)..(371)

<223> n=unknown

<400> 1302
tctgtnatgg acgtggccac tgtnagtgtn gccgctgcca ctgccaccag cagtcgctct   60

acacggacac catctgcnag atcaactact cggcgatcca cccggncctc tgcnaggacc   120

tacgctcctg cgtgcagtgc caggcgtggg gnaccngnga naagaagggg ngcacgtgtg   180

aggnatgcaa cttcaaggtc aagatggtgg acgagcttaa ganagccgag gaggtggngg   240

ngcgctgctc cttccgggac gaggatgacg actgcaccta cagctacacc atgnaaggtg   300

acggcgcccc tgggcccaac agcactgtcc tggtgcacaa gaagaaggac tgccctccgg   360

gtncttctgg nggtcatccc cctg   384

<210> 1303

<211> 125

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (6)..(110)

<223> n=unknown

<400> 1303
ttgttntctt cntcactgga gtctgtttca gantcngagt cnctgtcgct ntcttcnnnn   60

tncttcttnt gttttctttt cgntgntttt ttctttctcc ttttcttggn cctttctttt   120

gaacg   125

<210> 1304

<211> 507

<212> DNA

<400> 1304
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gcggcccct ctaacgggcg gcggggggcgc tggcccctc cctgcgccac atctgtcccg      60
caccgggcgc anagctgatt catctgcagc caggtccggg aaggaactgt gctcccggca     120
gttgcagggc agcgtccggg cgggtggctt gtccccagga ccgcgctccc cccgagccgt     180
tttaggtatt gttgcagcat ctggcagtga gactnaggat gaggacagca tggacattcc     240
cttggacctt tcttcatccg ctggctcagg caagagaagg agaaggggca acctacccaa     300
ggagtctgtg cagattcttc gggattggct gtatgagcac cgttacaatg cctatccttc     360
agagcaagaa aaagcgttgc tgtcccagca aacacacctg tctacgctac aggtctgtaa     420
tggttcatca acgcccgccg cagtccctcc ntgaacatgc tgagaaaaga tggaagatcc     480
aaatcattca caatttcccg cgtgggg                                         507
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<210> 1305

<211> 496

<212> DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (67)..(85)

<223>   n=unknown

<400>   1305
gaggcatgtg agtaaggtta atttgccagt cctgggcagg tgcaaatccc cgagcttgat   60

gagtagnnaa ngnaggggggc ctgancaatc cctgaggagt agtagaatag cagatggaac   120

actgaaaatt gatttccttg aggatagatt tccatgatgg aaaggaaatg agaggttcta   180

agagacgggc tagcggctta taacctacat ggaagaggct atgaaatgac gacagaatag   240

aatgggcctg tcagcctgga aggagatatt ttccttggtc taagaaccat ttgccttgtg   300

tgggaagaga ttaataagtg gaagtttcag taggggagta ggtgggagtg accaatgaga   360

aggagaaaaa ctggctgtga gggacagaag ttggaatgct agtggctttt ttagctacct   420

tatcagcata agtgttgccc taagcaatgg gatctgacgc cttttgacag cccttgcagt   480

gaatgactcc agcttc   496

<210>   1306

<211>   363

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (18)..(18)

<223>   n=unknown

<220>

<221>   misc_feature

<222>   (165)..(165)

<223>   n=unknown

<220>

<221> misc_feature

<222> (318)..(330)

<223> n=unknown

<400> 1306
cgctgagcag cgagccgngc cagtcccagc gaacgcacat caagacggag cagctgagcc   60

ctagccacta cagcgagcag cagcagcact cgccccaaca gatcgcctac agccccttca   120

acctcccaca ctacagcccc tcctacccgc ccatcacccg ctcanagtac gactacaccg   180

accaccagaa ctccagctcc tactacagcc acgcggcagg ccagggcacc ggcctctact   240

ccaccttcac ctacatgaac cccgctcagc gccccatgta cacccccatc gcgacactct   300

ggggtccttc catcccgnag acncacagcn ccagactggg aaaaccgtct acacacagtc   360

atc   363

<210> 1307

<211> 429

<212> DNA

<213> homo sapiens

<400> 1307
cacactgttc aactaagagt agtttagctg ttggaaaaat aagagcattt aattttatct   60

aaaaatatgt ataaatcccc tcaaaatggt aatgaatcat acacagtaca tactaaaaat   120

atttaaaata gagaatattc ctcacagagg acttttttct ttaattactg ctaaaaaaat   180

aattacaaag tccaaacagg cagagagatt tagcacactg atcacacgat tctccatcat   240

cctccacgct tgctctgaag agggtttaaa aagtccagtt tctcgttgat ttcgctgctc   300

catttagcca aggttggcct ggccactgat tggccacaag tgggtaatgc gcttggatag   360

gtcatgtttg tgtcttggaa atttgggtac gagttgcctt tagcttaaat gtctttaagg   420

aagaagaag   429

<210> 1308

<211> 441

<212>   DNA

<213>   homo sapiens

<400>   1308
cagcgtctct gtgacttggc aggacccagc tccactgaat cagagtccag aaaaagatca   60

atttcaaaaa gaaagtctca tctggatctc ctcaaactca tcatggatgg catgaccgaa   120

gcatgcatca agggtggcat cgaagcttgc tatgcagccg tgtcctgtgt ctgcaccttg   180

ctgggtgccc tggatgagct cagccagggg aagggcttga gcgaaggtca ggtgcaactg   240

ccgcttctgc gccttgagga gctgaaggat ggggctgagt ggagccgaga ttccatggag   300

atcaatgagg ctgacttccg ctggcagcgg cgagtgctgt cctcagaaca cacgccgtgg   360

gagtcaggga acgagaggag ccttgacatc agcatcagtg tcaccacaga cacagggcca   420

gaaccactct tcgagggaga g   441

<210>   1309

<211>   283

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (2)..(238)

<223>   n=unknown

<400>   1309
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tcgtcaagct ggagagtcct cgangggccc cccgcccctg cctgtcanng gctancaang   120

ctcggatggc gggtgagcna ngagccantg ctgtcctctt tgacatcact gaggatngag   180

ctgctgctga gcaactgcag cagccgctgg ggctgacctg gccantggtg ttgatctngg   240

gtaatgacgc tgagaaactg atggagtttt gtgtacaaag aac   283

<210>   1310

<211>   202

883

<212> DNA

<213> homo sapiens

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<211> 419

<212> DNA

<213> homo sapiens

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<223> n=unknown

<400> 1311
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caggctctgc cacaggccct gnactgcaat gagctctggg agggcctcag gagccccgct   180

tgcttattct tgctcacact tggcaccatc ttnaaaaaaa acagtttcct ggtggattgt   240

ttcaagattt gagacagtta ctggtgctaa gtaaagaaat ttgggttgan agcagccctt   300

tctctttgcc gcccacagct tcacagggga ggggagcttc tgtggcttgg ttccaggcct   360

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<210> 1312

<211> 212

<212> DNA

<213> homo sapiens

884

<400> 1312
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ccatgtctcc tcctccctgg tcctcagacc tcttcatagg actcacagtc cactaaccac   120

gtgatgggtg atcgtgggtt cccatgtctc ctcctccctg gtcctcagac ctcttcgtag   180

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<210>   1313

<211>   373

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (333)..(333)

<223>   n=unknown

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catcctctgt atgtttccgt ggcaatgcgt tgtttatgta ttctcaaatt ttgtctggct   180

agttatccac cgcttctcca atggattcat tcagtttctt ggagaaccat atagactaat   240

gacagcatct gggacacacg gacgtatcaa gttcatggtg gacattccta ttataaaaaa   300

tactcaggtc ttgagaattc ctgtgctgaa ggntcccaaa atgctttcta aaaagcatta   360

gtcatgcctc aaa   373

<210>   1314

<211>   537

<212>   DNA

<213>   homo sapiens

<220>

885

<221> misc_feature

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<222> (482)..(482)

<223> n=unknown

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nnnnnnnnnn nnnnnntgca ttctggggaa atccttggcc caggttccac tcataattct     180

ttcttcaacg atattctttc agtggtgtcc taacagtctg atcagtctta tagttcaata     240

aataaatttt taatttccag cttcccaaag tttcatttcc aggactcaag gttcatttta     300

gatacatcca aatgttttga agtctatgta aaatatgtgt gtgatacaag tatagattcc     360

aacaatcaca cagagctctg ttcagatctt gtttctctgc cattaactgt gttgtggcgg     420

ttacctgatt cctctgagct tcaattttct agcaaaattg tggtaaaaat gttatactgc     480

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<210> 1315

<211> 403

<212> DNA

<213> homo sapiens

<400> 1315
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tgtgtaggct ccacccaaag catggccagg tttacccctg gagggaaagt cacaagctca     120

tgtccagaag gccagtagca gcaagctgct ctccagccca gatttcctat cctgtgtacc     180

tggagcttgt ttctcagatt ctaactctca caactgaagc ctctgttgtc tgattactat     240

ctgagaattc tacacaattt taccctcgat aaaagcagta atttcttctt catctttccc     300

agatcaactc ttgtagtaga tcaacatttc tgggaccttc ttttgcatgg ttaaaacatc     360
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<210> 1316

<211> 597

<212> DNA

<213> homo sapiens

<220>

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<222> (189)..(189)

<223> n=unknown

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<221> misc_feature

<222> (584)..(593)

<223> n=unknown

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ttctggttga agaagtcctt gcgtgtctaa tttcaagggg atctgtgttt ctttacaagg   180

tttgaaggng aagttctgaa ggactctgat tagagcaagt ttcatgttca tgagagcaaa   240

cctcatgcca atgcagtttc tgggtccagt tccaaagggt gtgtatatgt aaggatctat   300

gctgtccttc ttcttactga acctttcagg gcggaactcc tcaggctctg tccagtactt   360

tgggtcatgg tgaagagcat aagttggaat cacgaccatt gaccctttgg gaatgaatac   420

cccattgatt tcaacatctt tcttgcaagt cctctcaagt ctaatagcaa ctgggaataa   480

tctgagtgtt tcattcacca ccatgtcaag gtactccatc tgtaccacgg catcataggt   540

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<210> 1317

<211> 427

<212> DNA

<213>   homo sapiens

<220>

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<222>   (424)..(424)

<223>   n=unknown

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accatccatg ccttgcatgt gctggagagt gggggttccg ctccctgctc atcaacgctg   180

tggaggcctc ctgcatccgc acacgggagc tgcagtccat ggctgaccag gagcaggtgt   240

caccagccgc catcaagaag accatcctgg acaaggtgaa gctggactcc cctgcaggga   300

ccgctctgtc gccttctggc cacaccaagc tgctccccecg cagcctggcc ccagcgggca   360

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ttgntca   427

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<212>   DNA

<213>   homo sapiens

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<223>   n=unknown

<220>

<221>   misc_feature

<222>   (334)..(357)

<223>   n=unknown

888

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tcacacgacg gaatggatac tgggcccggg gaccactttc atactcacgt cctcatcctt   120

ggatacccag gggagggcga accgttttcg ctcgtgtgtc tgtacgcagc atgttgggat   180

cgggagtttc ggcacagact atcccatcaa gccgttggct cctttcagct actacgttac   240

cacgttccta aaacgcaagc tctccggacc agacggacac agggagaagc tagtttcttt   300

catgtgattg aaatgatgac tctactccta aaanggaaaa aacaatatcc ttgtttncag   360

aa   362

<210> 1319

<211> 84

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (4)..(83)

<223> n=unknown

<400> 1319
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catccnctta acaatgaaga gana   84

<210> 1320

<211> 433

<212> DNA

<213> homo sapiens

<400> 1320
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actacgcatt acttaaagga gtttccctca catgtaaaca ctgttaggaa gtctggatta   120

agttgaaagt cctgtttttaa cttttttttct ctcatatacc aaacactctg tatttctctt 180

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aaagaagccc tttaagagaa agccctaatt ttatatctga cagtaaagtt tgctgcaagt      240

gtatgagttc aaacacatcc cttgttttct gtccctaggg gaaaagtcat gtagttttag      300

cttggctcca gtgttaatat tatattcagt agcagcctta gaagagtggt ctaagacttg      360

aacctggagc aattttatag cacagaatcc tacgaagata gggctgtgga catttgtttt      420

cttttcgtg tgt                                                         433


<210>  1321

<211>  541

<212>  DNA

<213>  homo sapiens


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<221>  misc_feature

<222>  (176)..(200)

<223>  n=unknown


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caagttctga ccatgctaaa aaattcatga atgtgatggt gtataaagca tttggtacat      120

gatgatactt gctttccaga agctggcatt tgcatattat aaaacgttaa gaaganggnn      180

cttngacctc ggaatgtacn agacaatagt tttatgtttc ttctcaatat acagtgacct      240

ggaaggactc cctgttgtta aaacctgctt ccccactgct cagcctgcca tcagccatcc      300

agctgcagag cagtggagag taggtctcac cagttttgt gcagatgctt ctaacccaga      360

gtccttctgc ttacttcatt ggacaatatt gccctttcta agaaaaccct tttagatcct      420

gtactccact tagcaaatgc cctgccagca aagtcacaga tgactttttt acccaatctt      480

aggtaaatct ggattatctg cccaaccgtg caagtcaata agccacccctt gaaaactgtg      540

t                                                                      541


<210>  1322

<211>  562

<212>  DNA

<213>  homo sapiens


890
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<221>   misc_feature

<222>   (507)..(528)

<223>   n=unknown

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tctacggagt gccgcattac aggtggcgct gggagtttct tttatgtcca aacataggtg   180

caggtgggca gtaaaatgca ggaggcccaa ggacagggca gaggcccagg cgggaggtaa   240

atttggtgtg atattgtgtt taaagccatg agactgaatg cgatcaatga gaggaaagac   300

acgttgggtt tgggccctgg caccccagt ttctggaggt tgaggtaatg aagatggcag   360

agcaggcgct gccgggtgtt ctggaactgg ggagaaaccg agctgcgttt ctccctgcag   420

agagtggcca gctccgacac atttgtccca tgtgtcagtg gggtcttgtt tcaacttgat   480

gtttatctgt tttctttgta gaatgangag aacctgtgca aatgatgntt aagcaatcta   540

cttttttaaga agacctatat ta   562

<210>   1323

<211>   442

<212>   DNA

<213>   homo sapiens

<400>   1323
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ctggccacag gtgactattt gtttgaacct cattcagggg aagagtacac tcgagatgaa   120

gatcacattg cattgatcat agaacttctg gggaaggtgc ctcgcaagct cattgtggca   180

ggaaaatatt ccaaggaatt tttcaccaaa aaaggtgacc tgaaacatat cacgaagctg   240

aaaccttggg gccttttttga ggttctagtg gagaagtatg agtggtctca ggaagaggca   300

gctggcttca cagatttctt actgcccatg ttggagctga tccctgagaa gagagccatg   360

ccgccgagtg tctccggcac ccttggctta actcctaagc ccctggccag caaccacagc   420

agagattaca cacttgaccc tc   442

891

<210> 1324

<211> 416

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (380)..(398)

<223> n=unknown

<400> 1324
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aacccaagaa agaaaactcg gaaacaaccc taactcgcag tgccagcatg aagctcccag   120

acaacacagt gaagttggga gagaagctgg agagatacca cacggccata cggagatcag   180

aatctgtcaa gtctcggggt ctgccttgca ctgagttatt cgtggctcct gtgggtgtag   240

ccagcaagcg ccacctcttt gagaaggaac tggcgggcca gagccgagca gaaccagcct   300

ccagccggaa ggagaacttg aggctctcag gggttgtgac atcaaggctc aacctgtgga   360

tcagcaggac ccaggaatcn ggagatcagg accccccanga ggcacagaaa gcatca   416

<210> 1325

<211> 429

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (180)..(425)

<223> n=unknown

<400> 1325
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tggcagccgg ccagggaagg gaggggagaa ccaagcaggg agacggggca cagggaagac   120

892

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gcacggcagc tccttctccc ctggccagag cgggcctcag tggctgggag caggccccan    180

ggacaaagat gggtgggtcc aggcctcana gaaggggggac atcatagaca aagaggcact    240

tgctgggagc cgatgagaca ggtgactctg gagttcttga ggggcgccgt gccctgactg    300

tngatgtgag caggaaggag cagangtctc tgggcaggac ataggcccca tagtgctgat    360

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agggntgag                                                            429


<210> 1326

<211> 379

<212> DNA

<213> homo sapiens


<400> 1326
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gcctggggtg gcaaggctgc aaacaaggag gcaacccagg aggctttttat gaagcgggcc    120

atggctaact gccaggcggc caaaggacag tatgttcaca cgggttcttc tggggctgct    180

tccacccagt cgctcttcac agcctgctat acctactagg gtccaatgcc cgccagccta    240

gctccagtgc ttctagtagg agggctgaaa gggagcaact tttcctctaa tcctggaaat    300

tcgacacaat tagatttgaa ctgctggaaa tacaacacat gttaaatctt aagtacaagg    360

gggaaaaaat aaatcagtt                                                  379


<210> 1327

<211> 360

<212> DNA

<213> homo sapiens


<220>

<221> misc_feature

<222> (356)..(356)

<223> n=unknown


<400> 1327
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893

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gtgcacacac cacagtgtaa attatgcctt atcagaatct aaatgaaaat agcgaacatt     120

taaaagctat caccattgta gtagaatcat ccttcttttt tgaaatttga agcatcccag     180

gcttaaaatc ttgtgtttca gaaagacagt ttataccatg actgcttaat tatcccccca     240

aagaccttct gattgaagtc atgtacagtt cagtggctaa attctctgcc ttttttaactt     300

gctttgcaag cctactctga aaataagtta ttagtcaagt tattctcaaa gatgtnccag     360
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<210> 1328

<211> 434

<212> DNA

<213> homo sapiens


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cgctgctggg actcttctgc cttggaatgt tctttccatg tgctaaccct cctgtgagtg     120

atgcatctgg atccacagtc atgtgtagca ggatggacct ggggggttggc agggctgtca     180

ccaggagagc tgaggactgc cgtgagggct ggcaggactg gccttgtgac aggcctgcac     240

tgtgtctcgg cagggtgctg ttgtgggcct gttggctggg ctcgtcatgg ccttctggat     300

tggcatcggg agcatcgtga ccagcatggg ctccagcatg ccaccttct ccctctaatg     360

ggtccaagct tctccctgcc caccaatcta accgttgcca ctgtgaccaa cactgatgcc     420

cttgactaac ttct                                                        434
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<210> 1329

<211> 431

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (27)..(34)

<223> n=unknown

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ccctggtttc ttggatccac atttgccccg tctcttaagt gtccatctca gaggtggagg   180

atggagacag tgaggtggaa aacgtgcttg ctctacacaa agacaaatgg atcttctatt   240

cccagaggac cagggacacc aaaacctccc tcttcagaat ggaggtagac agataaaaat   300

gagaggggct tgagtgtcac agacaatctg aaagtaataa taggggctca ctgtggctgg   360

cagaactggt actgaaatgg ggactacagg ggaagcagct tccagtttta tggtggagag   420

tcagtcctga a   431

<210> 1330

<211> 391

<212> DNA

<213> homo sapiens

<220>

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<222> (4)..(53)

<223> n=unknown

<220>

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<222> (259)..(351)

<223> n=unknown

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tgccctccat tcagggagaa acctctcctt cccgtgtgag aagggccaga gggtccaggc   120

atcccaagtc cagcgtgaag ggccacagcc cctcttggct gccaagcacg cagatcccat   180

ggacatttgg ggaaagggct ccttgggctg ctggtgaact tctgtggcca ccacctcctg   240

ctcctgacct ccctgggang gtgctatcag ttctgtcctg gccctttcag ttttataagt   300

tggtttccag cccccagtgt cctgacttct gtctgccaca tgaggaggga ngcctgctgt   360

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<210> 1331

<211> 327

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<213> homo sapiens

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tcagtgacat aagtgataat ctttccttag ataatctcag taatgattta gataatgaga   120

gacagacctt ggggcctgtc cttgatagtg gtcgggaagc gaagtcccgg agaagaacgt   180

gcctgccggc gccctgcccg agcagcagta acatcagcct gtggaacatc ctgaggaaca   240

acatcgggaa ggacctgtcc aaggtgggcc atgcccggtg gagctgaacg agcccctgaa   300

cacgctgcag agggtctgcg aggagct   327

<210> 1332

<211> 509

<212> DNA

<213> homo sapiens

<400> 1332
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aaacgcactg aggaaaatat agacttaaag agttacaatg ctaagctaag cacaagtgat   120

catcctagag tatcttttaa atatataaac acaggtttgt gccacttcag aaggcaagca   180

caggagaaat acactaatgt tatctttctt ctttactttt tcaccataag acaggatggt   240

ccagtttgga aaaaccaaga tcttttctaa gttccaaata ggtgccgttg ctcacccaag   300

agtcatcgtc ggatttcctg aaaaaccgag gctggtgctc cacatgattt tcttctaaga   360

cccgccgcct ttctctctgc agttgttcaa tcctctgctt tgtatttcag cttcttctaa   420

gttcccttcc tctagaaacc tctgggtctg gcctaaatcg agtggtcagt aggtggcaat   480

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<210> 1333

<211> 500

896

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (457)..(487)

<223>   n=unknown

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catctggcag ctgacagaca ccaaacagct ggtgcacagt ttcaccgaag gccgggacca   120

gggcagcgcc tatgccaacc gcacggccct cttcccggac ctgctggcac aaggcaatgc   180

atccctgagg ctgcagcgtg tgcgtgtggc ggacgagggc agcttcacct gcttcgtgag   240

catccgggat ttcggcagcg ctgccgtcag cctgcaggtg gccgctccct actcgaagcc   300

cagcatgacc ctggagccca caaggacct gcggccaggg gacacggtga ccatcacgtg   360

ctccagtacc ggggctacct gaggctgagg tgttctggca ggatgggcag gtgtgccct   420

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<211>   479

<212>   DNA

<213>   homo sapiens

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agattcccga gggtctcctt tgctaggtcc agttgttcca ggaccatctc caatcccttc   120

tgttactgaa aagaggttat catctggcca aaataaagct tcaggcaaga ggcaaagatc   180

cagtggaata tgggagaatg gtagaggacc aacacctgct accccagaga gctttctaa   240

aaaaagcaag aaagcagtca tgagtggtat tcaccctgca gaagacacgg aaggtactga   300

gtttgagcca gagggacttc cagaagttgt aaagaaaggg tttgctgaca tcccgacagg   360

aaagactagc ccatatatcc tgcgaagaac aaccatggca actcggacca gcccccgcct   420

897

ggctgcacag aagttagcgc tattccccac tgagtctcgg caaagaaaat ctgcagagt   479

<210> 1335

<211> 614

<212> DNA

<213> homo sapiens

<220>

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<222> (556)..(597)

<223> n=unknown

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aacaggtgat cagtgcttcc aaactttttc aatacctaca catgggagat ctaaagagta   120

caatatattt aagacttcta aggaattgtt ttctcctcac taataaagca tgccctgact   180

aaagagaagt cctgtaggca cagccttatc tattcaatga ctggcacctc ccaggggtac   240

tgacacacaa agtgccttca ctggacctta cagttctcac tgccgttgga ctccagtcca   300

gctttggggc tggggacaag tcggcctcgc ttgaccctca ggccctctct ggggctgtca   360

gtcggacttc tctcaggaag attattgact gggacggatt tcgtggtggg ttctcggagg   420

atggtgcctg aatctactgg gctccgctga gcaactttga ccttttgtga tctgctgcca   480

ccagctgttg gtttggagga ctctgcaaga ttttctttgc cgagactcag tggggggatag   540

cgctaaactt tctgtncaag ccaaggcggg gggctggtcc gatttgccat gggttgntct   600

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<210> 1336

<211> 385

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

898

<222>   (76)..(381)

<223>   n=unknown

<400>   1336
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gtagctacng ngtggtgatg tncctctncc agctgtaccc tcaacnaang ngcttagttt   180

ccatgtagna tgcnatcant tggntcatgc tcattcacac aaagggcacg tntntcancc   240

tggtatcagg gaaattncga cttatttntg ccctaaaacg tctccctagc tgtncttcgt   300

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agcaatctcc aaagtcctgt ngtgg   385

<210>   1337

<211>   384

<212>   DNA

<213>   homo sapiens

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cagctgcttc atgccgggct cgagcctgga gtgcgccagt ctgcaggcct acgcagccct   120

ctgtgcccag cagaacatct gcctcgactg gcggaaccac acgcatgggg cctgcttggt   180

ggagtgccca tctcacaggg agtaccaggc ctgtggccct gcagaagagc ccacgtgcaa   240

atccagctcc tcccagcaga acaacacagt cctggtggaa ggctgcttct gtcctgaggg   300

caccatgaac tagctcctgg ctttgatgtc tgcgtgaaga cctgcggctg tgtgggactg   360

acaatgtgcc cagagaattt gggg   384

<210>   1338

<211>   367

<212>   DNA

<213>   homo sapiens

<220>

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<222> (14)..(14)

<223> n=unknown

<220>

<221> misc_feature

<222> (246)..(246)

<223> n=unknown

<400> 1338

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gggtccgggg gaggtaaagc tgtcgagggc agtgaagggg gctgtgccca ccccgctcac     120

ccgctcccca gatgcctagg ggagcgccgg gcccggcggg aggtgccggt ggggagcccg     180

cagacggtgt cctggcactg gcagctctcg atgtgggtgt aggtgtgtgt cagcgagccg     240

ccattngggc agctcaggac cacctcacgc tggctggttt tctcctcttt gcagcaggag     300

cagctgtggt ccagggcctg ggccttggcc gagtacatga caaatgtccg caggacccgg     360

agcaatg                                                                367
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<210> 1339

<211> 385

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (332)..(332)

<223> n=unknown

<400> 1339

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agcctgaatt gggtcccagt caccaagcaa gcttactggc agattgcact ggataacatc     120

caggtgggag gcactgttat gttctgctcc gagggctgcc aggccattgt ggacacaggg     180
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acttccctca tcactggccc ctccgacaag attaagcagc tgcaaaacgc cattgggca 240

gcccccgtgg atggagaata tgctgtggag tgtgccaacc ttaacgtcat gccggatgtc 300

acttcaccat taacggagtc ccctataccc tnagcccaac tgcctacacc ctactggact 360

tcgtggatgg aatgcagttc tgcag 385

<210> 1340

<211> 611

<212> DNA

<213> homo sapiens

<400> 1340
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ctgcctcctg acaggatgca acaagaagta cccagcacca cctaggaagt attttttgcca 120

caaaatcaga cctccagatc taactaccat tttataggaa agataagttc agagaaccat 180

gtcaaatgac acctcgggat ttcaaccagc aacgttcaaa tgtgctaaac tctgtagatg 240

gaaagagact tacagacatt tcaaataaat gcaatatatg ggccttgctt gaatcctaat 300

acaaacaatc caactacaaa aacagccaaa catttgtggg acaatgggag atgcttgaat 360

tccgattgta tatttaagga tgttagaaat atttatggac aaaatgatgt aatgctcgga 420

atttgcttca gaatgatcca ggtacagcat gtggagctgg agagaggagt gggcagcagt 480

gtagataaac aggcctggcc gtgtgtggat gggttgtcag ggctgagtgg agttgcaaag 540

gggtttatta taccatgatc tctgcttgtg catatgtttg gagatttcat aatcaaatgt 600

gaaaattttt g 611

<210> 1341

<211> 328

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (48)..(163)

<223> n=unknown

<220>

<221> misc_feature

<222> (308)..(323)

<223> n=unknown

<400> 1341
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aggctgattc aatcaagatc tgtgctcnca gtgggctgat tcaatcaaga tgtatgtntg   120

ctatgttcta agtccacctt ctatcccatt catgttagat cgntgaaacc ctgtatccct   180

ctgaaacact ggaagagcta gtaaattgta aatgaagtaa tactgtgttc ctcttgactg   240

ttatttttct tagtagggg cctttggaag gcactgtgaa tttgctattt tgatgtagtg   300

ttacaagntg gaaaattgat tcntctgg   328

<210> 1342

<211> 538

<212> DNA

<213> homo sapiens

<400> 1342
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atatcaacct ggtaccagct aaatttaatg aagataagtt ccactgaatt cctaaggaaa   120

atacaacaat tccgacacca tttaataatt agaaactttc aaacaagagg gaaagtatga   180

acatcataat aaatgcctca atttggaggc aaagaaatgt aagttgtgtg ctgaaacctg   240

atgtatcaca gaacatcagt agtcccttcc agtcgtggat gccttagacc caaggcctta   300

cactgttatc accatctggc aaccctgatg agggatgcca tctattgact gactgaaatt   360

aaattacaca atgtgactct ctgcctgtca gcagaacaga gagtcataaa acattttaac   420

ttcttggtgc aaattataca atcaaaccag ataaccttga ctgggaagga gccagttcag   480

aggggtgaat ttctatcaca ctacatcaat agcaaagtca gaggatcaat tttccatc   538

<210> 1343

<211> 135

902

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (70)..(135)

<223> n=unknown

<400> 1343
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tactcccgcn gtnactgccg ctgtccaacc cctcccccgg ggnttgcgcg gcggctccna   120

canncctcgg nccgn   135

<210> 1344

<211> 387

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (99)..(99)

<223> n=unknown

<400> 1344
actcattgca ttttaatttt tctctagata ctcaaatagc taagcaaatg aaggtacatg   60

ccagtctttc ttcttttata cacaacagac aaaagtgtng gggggctaga caccaaccag   120

ctattttttt cccctggaac cagatcatca tactgctgag ttccttcaaa ccatcaaagt   180

acagccttcc ttccaatgtt gcataatctg ttcaaaatca cagtataaat acaaagttct   240

tccatccatt ttacaaaacc agcaaaactc tacaataaaa tcctacagga aaaagtagac   300

caatctcatt tacaaacagc attttaacag taattattaa atgttacaaa acataagata   360

ccaaatctaa atccttaaag tcacacg   387

903

<210> 1345

<211> 390

<212> DNA

<213> homo sapiens

<400> 1345
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gacaccgggc catgcacgcc cccaactgaa gctgcatctc aaagccgaag attccagcag   120

cccaggggat ttcaaagagc tcagactcag aggaacatct gcggagagac ccccgaagcc   180

ctctccaggg cagtcctcat ccagacgctc cgctagtgca gacaggagcg cgcagtggcc   240

ccggctcgcc gcgccatgga gcggatcccc agcgcgcaac cacccccgc ctgcctgccc   300

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<210> 1346

<211> 571

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (452)..(535)

<223> n=unknown

<400> 1346
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taaagggggg attggcttca gagcttggag caagacagaa gagtcgacgg acggatgagc   120

tggcaaggga gaagggagtc tctggggcat gagcaaggga gccgagatct tgtctgggtt   180

catgaagcta gagagggctg cggcagaggc gttgaggcct gggtatagca ctggcactga   240

ggtgggatac cagcacttct ccagcatggg caggtaggca gtcgctgaag gtgggatcag   300

gtagaagggc aggcagaaag gaggctggtg tgggtgtggg cccaggaacg gggagctgat   360

caggtcactg ctagtgaaat ggccttcatc atccgaaagc tgcatccggt tcttttttgt   420

904

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gggggggttct tcggactctt gcttaattgc gncgatnctt tctcccatcg tgaacctgcg     480

tccgtggtca cttttgaagc acggctgctc actgcgcaag tcgcccttct ccgantctcc     540

tccatagcca ctgtctgtgt ccgtgtcgct g                                    571
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<210> 1347

<211> 510

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (463)..(490)

<223> n=unknown


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<400> 1347
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aaaaattgct cgtattataa attacccagt ttagagggga aaaaagaaaa taattattcc     120

taaacaaatg gataagtaga attaatgatt gaggcaggac cctacagagt gtgggaactg     180

ctggggatct agagaattca gtgggaccaa tgaaagcatg gctgagaaat agcagggtag     240

tccaggatag tctaagggag gtgttcccat ctgagcccag agataagggt gtcttcctag     300

aacattagcc gtagtggaat taacaggaaa tcatgagggt gacgtagaat tgagtcttcc     360

aggggactct atcagaactg gaccatttcc aagtatataa cgatgagccc tctaatgcta     420

ggagtagcaa atggtcctag gaaggggact gaggattctt ttntgttggg tggaaaataa     480

atacagaacn aaccctgtgt cactgtccca                                     510
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<210> 1348

<211> 151

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (20)..(123)

<223> n=unknown

<400> 1348
taagagtagc atgcaagatn ttgtaaaatg cnttanngga accaananan gttgcactga   60

aagcttacaa aacanagaca nntaaagcnt tntntcanaa gcaacanttg tgttctccan   120

ncncacctca ttggaactga catgaagaag g   151

<210> 1349

<211> 318

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (279)..(279)

<223> n=unknown

<400> 1349
ccaatctgag gaccttcaga gacagtctac gccttaacaa gcacatgaag gaaactattt   60

tgaatgttct ctttggcaac ttatccataa tttgggatca aatgttaaaa ccagaaaagt   120

gtttagtgtg gatttcagca aaacctgatc atcccaccca gaagaccttc tcatcaatag   180

atcgcccta aagacccatt gtaaggtcat aaaaaacctc ggccaactgc acaaagatgg   240

tgcctcactg caacaagaaa ccttaaggtg tcttaccgnc gaaataaaaa acataaatga   300

ttgttctcca aggcctga   318

<210> 1350

<211> 575

<212> DNA

<213> homo sapiens

<220>

906

<221> misc_feature

<222> (184)..(184)

<223> n=unknown

<220>

<221> misc_feature

<222> (444)..(528)

<223> n=unknown

<400> 1350
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attactttcg cacctaaaac tgaaaggaaa aaacttaata caagaattgg aattgaaaac   120
cctagcagga tacctagtag gtaagggttt ggatatatct gtatctgctc ataagtaaaa   180
cagngattgt gcaaatggta ctcgcctaag taccattagg ttattggtat taaggtacta   240
agtacaaggc aggtatcagc cactggtttg aaaaaattca aaccagtaaa agatgagtca   300
caaaactcct ccagccaaac ctggtaaatt tggtttgctt ctggcctgaa ggcagtgtga   360
aagtgaaata agtttcacac ttaaaactag ctgacacctt tatatcttga ccacctaaat   420
ttggtcatct acctggaaag tggnaattca caagaacgta ccctaatatt ttaactggtc   480
tttagttggg acattctaag agganggaca ttgntccaga ntggggtnga cttgctcatc   540
atgagtcttg ccctcaggcc ttggagaaca atcat                             575
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<210> 1351

<211> 450

<212> DNA

<213> homo sapiens

<400> 1351
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aaccttgatc ccagcaatgt ggattccctc ttctacgctg cccaggccag ccaggccctc    60
tcaggatgtg agatctctat ttcaaatgag accaaagatc tgcttctggc agctgtcagt   120
gaggactcat ctgttaccca gatctaccat gcagttgcag ctctaagtgg ctttggcctt   180
cccttggcat cccaagaagc actcagtgcc cttactgctc gtctcagcaa ggaggagact   240
gtgctggcaa cagtccaggc tctgcagaca gcatcccacc tgtcccagca ggctgacctg   300
```

```
aggagcatcg tggaggagat tgaggacctt gttgctcgcc tggatgaact cggggggcgtg   360

tatctccagt ttgaagaagg actggaaaca acagcgttat ttgtggctgc caactacaag   420

ctcatggatc atgtggggat gagcatccat                                     450
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<210> 1352

<211> 500

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (26)..(26)

<223> n=unknown

<220>

<221> misc_feature

<222> (490)..(490)

<223> n=unknown


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<400> 1352
ctttcaaaat ccaagccata attggngagg ggggagtttc agaattacat agaaaaatta    60

atatttgaaa aaataattct gaaatttcga atttaaaaac agatgtgctg cttctgggtg   120

taggtagtaa aagtatagga aaagaactgt ttccttagaa gcggactgtg aagggctat    180

gtagaatgtc aaagggcaac aagagcctgt gtttttaatg tcatcctgta ctcggcacaa   240

atcaaaggcc aatacaagtc tgaaaagcag aaataaatat ttttccaggt ttttgcttgg   300

gcacatacta actgctttgg gcattctaat ctggtctcca aacaccaaag acccatttcg   360

agcctgctat tagcctgctg ctgactctat cacttggagc aataatgtgg ggttatggtg   420

gtggaatctt gtatattttt gtccaaaata aaaccatgag ttaaggggat agataagatg   480

gaaaaatacn caataaatac                                               500
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<210> 1353

<211> 480
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<212> DNA

<213> homo sapiens

<400> 1353
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accaccataa ccccacatta ttgctccaag tgatagagtc agcagcaggc taatagcagg     120

ctcgaaatgg gtctttggtg tttggagacc agattagaat gcccaaagca gttagtatgt     180

gcccaagcaa aaacctggaa aaatatttat ttctgctttt cagacttgta ttggcctttg     240

atttgtgccg agtacaggat gacattaaaa acacaggctc ttgttgccct ttgacattct     300

acatagccct tccacagtcc gcttctaagg aaacagttct tttcctatac ttttactacc     360

tacacccaga agcagcacat ctgtttttaa attcgaaatt tcagaattat tttttcaaat     420

attaattttt ctatgtaatt ctgaaactcc cccctcacca attatggctt ggattttgaa     480
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<210> 1354

<211> 492

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (153)..(223)

<223> n=unknown

<400> 1354
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cagaacaaat attcggtgct tttacctacc tacaacgagc gcgagaacct gccgctcatc     120

gtgtggctgc tggtgaaaag cttctccgag agnnnnnnnn nnnnnnnnnn nnnnnnnnnn     180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnntggagaa gatctatggg     240

tcagacagaa ttcttctaag accacgagag aaaaagttgg gactaggaac tgcatatatt     300

catggaatga aacatgccac aggaaactac atcattatta tggatgctga tctctcacac     360

catccaaaat ttattcctga atttattagg aagcaaaagg agggtaattt tgatattgtc     420

tctggaactc gctacaaagg aaatggaggt gtatatggct gggatttgaa aagaaaaata     480
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909

atcagtgatg ga   492

<210> 1355

<211> 259

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (139)..(250)

<223> n=unknown

<400> 1355
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caactcaaat ggtgagaagt aaacatacag tggtctgtta tggcactaac tcaaagtaag   120

actcgcgtag gtgaagatnn gttgcntagc cacantataa cttcacatgg tcattaaana   180

ggcaaatttg accgctaaaa cttcnnagna aaagtactca taaaaaagtn ttaccccaaa   240

atngccaacn aatacatta   259

<210> 1356

<211> 523

<212> DNA

<213> homo sapiens

<400> 1356
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gatttccatt ataaaataca gagtgtggtg agcattcttg tacatacatc ttacatactt   120

gtgcaaatat atatgtaggt taaattctaa gatgtggaat tgcaaagttt gtaaagtgtg   180

tagttttcat ttgataaact taaaaaatca atatcaaaat taaagtcata attttatatt   240

gataaggccc tggtgaattt ataaaatcaa acttattttt ctaggtccta ggcctactta   300

caagcctcca gtctcaaatt atccaggata tcctaaacct gaggaaggaa tacttgacag   360

tttggatgtt tgggtcattg ctgtgattgt tattgccata gttgttggag ttgcagtaat   420

ttgtgttgtc ccgtacagat atcttcaaag gaggaagaag aaagggaaag cagatggtgg   480

agctgaatat gccacttacc agactaatca accactccag cag   523

<210>   1357

<211>   572

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (568)..(568)

<223>   n=unknown

<400>   1357
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aaatacattt ttgcagctta aattttcttg aattcatata cgcttctgtc atttaaacaa   120

acttccagag aaaactggtc tctatatatt taagtaacaa atttgacaaa atacatattt   180

atacatatat agatctctaa tataaatatt aaatttgaaa aaatcaaatg tgaagcagaa   240

actgctatac aagtatattg tataatattt attttataca ttaaagtatt tggttgaata   300

tacttcaatt aggtttctaa aaaacaccat tatctgcttc ttagtaattg cgacattctt   360

gaaaagcatg tgaaacgggt ataaacttca actctgtgct taattcagaa ttcctgtttg   420

ttctcctcaa acttttatct tcctaaagca tcttgccaga gactacaaag gaaaggaaca   480

tttacagagc actataaaca tgtcttggac agtaaaacag tatttattct tctacactcc   540

tgattttcca atccatatct tcctcaangc aa   572

<210>   1358

<211>   458

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (303)..(303)

<223>   n=unknown

<220>

<221>   misc_feature

<222>   (437)..(437)

<223>   n=unknown

<400>   1358
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tctctattcc agggccgcgg cggcctggac ttgcgcgtgc gcggagaacc cctgcaggtg   120

gagcgcacgc tcatctatta cctggacgag attcccccga agttctccat gaagcgcctc   180

accgccggcc tcatcgccgt catcgtggtg gtcgtggtgg ccctcgtcgc cggcatggcc   240

gtcctggtga tcaccaaccg gagaaagtcg gggaagtaca agaaggtgga gatcaaggaa   300

tgngggagtt gagaaaggaa ccgagcttgt aggtacccgg cggggcaggg gatggggtgg   360

ggtaccggat ttcggtatcg tcccagaccc aaagtgagtc acgcttcctg attcctcggc   420

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<210>   1359

<211>   534

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (65)..(65)

<223>   n=unknown

<400>   1359
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attancaata tcagtggcag taagggcaag ctgaagaata aatagactga gtttccgggc   120

aatgtctgtc ctcaaagaca tccaaactgc gttcaggcag ctgaaacagg cttctttccc   180

912

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agtgacaagc atatgtggtc agtaatacaa acgatggtaa atgaggctac tacataggcc      240

cagttaacaa actcctcttc tcctcgggta ggccatgata caagtggaac tcatcaaata      300

atttaaaccc aaggcgataa caacgctatt tcccatctaa actcatttaa gccttcacaa      360

tgtcgcaatg ggattcagtt acttgcaaac gatcccgggt tgtcatacag atacttgttt      420

tttacacata acgctgtgcc atcccttcct tcactgcccc agtcaggttc ctgttgttgg      480

accgaaaagg gatacatttt agaaatgctt ccctcaagac agagtgagaa agaa           534
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<210> 1360

<211> 336

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (205)..(310)

<223> n=unknown

<400> 1360
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ctgctgtgag cagcagccac cacacagctt ctaaggctgc gatgagcaac ctgggtgcaa      120

tagaagccac ggggaagcct tgacccagac ttgggaggag tagggagctt cacaggacag      180

gtgacatctt agctgagact tgaanggccg ggagcagtga gtcaggccga gaagtagcaa      240

agaagactnt tctgcacana ggaacacagg nttcaaggct ggctngaggc tacgagaatg      300

tncccaccgn ggacatccac atgaagccag tggggt                                336
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<210> 1361

<211> 359

<212> DNA

<213> homo sapiens

<400> 1361
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tttgagatgt agtgctgggg catctatatg ttttttaaa agaaccaaga gattacaatg       60

ggtagccaag gtttgagaat ccctgctttg atatgcagct gacaagttat agtattttca      120
```

913

```
cattggtagt cgcagcacct gctagcagtg taatatgctt tacttgaatc atttccacat      180

ctgcacctca attccctggg cctggggttg ccatttggta ggggaggagc ttatcaggag      240

ttcctttgca agtgcaggag ggcagtcctg ggttctgtta gtgacagcgt gatttcagtg      300

aaataattta gaccccccaa gcagactgtg caacggatag cccctggaga gtgcccgtg       359


<210>  1362

<211>  508

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (360)..(360)

<223>  n=unknown


<220>

<221>  misc_feature

<222>  (491)..(491)

<223>  n=unknown


<400>  1362
aatggaaact cttattagat gctgcatgta ctgtgctatg gaccacgcac atacagccat       60

gctgtttcag aagacttgaa atgccattga tagtttaaaa actctacacc cgatggagaa      120

tcgaggaaga caatttaatg tttcatctga atccagaggt gcatcaaatt aaatgacagc      180

tccacttggc aaataatagc tgttacttga tggtatccaa gaagaaatgg ttggtgatgg      240

ataaattcag aaatgcttcc ccaacggtgg gtggttttta aaaagtttca ggtcacaacc      300

cttgcagaaa acactgatgc ccaacacact gattcgcggt ccaggaaaca cgggtcttcn      360

aagttccaag gggctggggt tccccaacga tcaagttcct gtgctgtaat caagagggtc      420

ctttggactg gatagggagc acttgggagc tgtacaccat cagtcataat ggatggcagt      480

gtaaaagatg nttcaaatga cctagtga                                        508
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914

<210> 1363

<211> 306

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (92)..(268)

<223> n=unknown

<400> 1363
cgctgaccaa ccagatcgat gagaactggt acgagggcat gctggacggc cagtcgggct   60

tcttcccgct cagctacgtg gaggtgcttg tncccctgcc gcagtgactc aaccgtntcc   120

ccgccccggc ccttcgtcca aaatggcggc aacccctgct gggtctcctg cattccacgg   180

agcccctgct gccagggcgg tgtctgancc tgccggcgcc acctgggccc cggcccttga   240

ggtatccctg agcaggaccc cacacttngg tgggggggtt atctgggtgg gtggggatgc   300

ctgttt   306

<210> 1364

<211> 488

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (14)..(65)

<223> n=unknown

<220>

<221> misc_feature

<222> (286)..(424)

<223> n=unknown

<400> 1364
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tcaatatgca ctgnaccgtg cccaaagctg tgtgctcatc tctgcgcccc tcatgtactt        60

ctgangaggg gggtgcaggg cagggcagag cagagcctgg ggtccggagg cttcactgga       120

ccacagaggg aggggaatgt gaatgtgggc tggcccagag aactccccat ttcatcgatt       180

ttgcattggg cgatagagga agcagatgtc ggggctgcct gccttggtct agaggagatg       240

gctggggcca cttccccaca gggtgaagtg gcagcggctc agcaanggga gcctggccac       300

caggggctgg gaaatgcgct cactggaacc tttgtgcttg ccctcggca gcgcggctgt        360

ggtcccgtgt taagtgtnct gntttgggtg tgggtggctg gtggtggcag cttgttccag       420

agtnacaaag gcctccctgg gttgggatgg gggcagttaa aaaaactgaa aaggtaactt       480

ggctttct                                                                488
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<210> 1365

<211> 552

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (522)..(522)

<223> n=unknown

<400> 1365
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gggcacctgg cctgggtgga gcccactcct cagcacccac ctcacttctt gcagtattct        60

gcagacccca gccctgtgcc tgtgctcctg gacagctgga gataaggagt gggccctgga       120

agatgctcat tcaggccctg ctcaagattc cagtcctgat tgctggactc gctgaagaga       180

gactacgcag gaaagcccca gccacccatc aaatcagaga gaaggaatcc accttcttac       240

gctatggcag gtaagaaagt actcattgtc tatgcacacc aggaacccaa gtctttcaac       300

ggatccttga agaatgtggc tgtagatgaa ctgagcaggc agggctgcac cgtcacagtg       360

tctgatttgt atgccatgaa tttgagccga gggccacaga caaagatatc actgatatct       420

ttctaatcct gaggttttca attatggagt ggaaacccac gaagcctaca agcaaaggtc       480

tctggctagc gacatcatga tgagcagaaa aaggttcggg angctgacct agtgtatttc       540
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916

agttcccgct gt   552

<210>   1366

<211>   332

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (14)..(314)

<223>   n=unknown

<400>   1366
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nttattnccc gaagtnccag tnggctgtgc aggggatggg ctcttccttc nagatggtnt   120

gcancctctg gnaccacgca gcnaccatcc cctttctttc ttcttcggat gcaatttcag   180

gagcaaagct gatctgaggg gcaaggactt taaatccana gaagtgtaat gtgccatgct   240

ggantgncca caggaagtat cgagantntc nattgactcc tgtnttcgtg nacatctcgg   300

cngtgcctcc cgtngttacg gaaaggagcg ct   332

<210>   1367

<211>   321

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (292)..(292)

<223>   n=unknown

<400>   1367
cagggctcca gtgccctcca cagaactcca cacccagccc agcaagcccc tccataatgg   60

```
gtgctgagag tggcaggcat ggggctcttg ttacatcaga gccccaggaa acaggcggtc    120

acagactatt ctgagtgggc agaggaggtc cacctatgga cacacgttta gagaagctga    180

ggagttcatc cctgaagaca tccagcccgg gccggggctg ttcctgagga tgcagctggt    240

gccctccata gaagagaggg agacacccat tgactcgaga ggaccggcca gntctccagg    300

agccgcttgg tctctgggat g                                              321
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<210> 1368

<211> 378

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (16)..(17)

<223> n=unknown

<400> 1368
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atgacatctg gattanngga agaaaggagc ctgactctta tgatggaata accacaaatc     60

agagaggagt cacaatagca gctcttggtg cagactgtat accgatagtt tttgcagatc    120

cagtcaaaaa agcatgtggg gttgctcacg ctggttggaa aggtactttg ttgggtgttg    180

ctatggctac agtgaatgct atgatagcag aatatggctg cagtttggaa gacattgttg    240

ttgtacttgg accttcagta ggaccttgct gttttactct tccaagggaa tcagcagagg    300

catttcataa tcttcatcct gcatgtgtac aactatttga ttcaccaaat ccctgtatcg    360

acatccgtaa agccacaa                                                  378
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<210> 1369

<211> 358

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222>   (4)..(356)

<223>   n=unknown

<400>   1369
tttnacattg catttnanac ccttacttat ctgtttccaa cctgtttttc cagccctaac   60

tcatgcccac acncttctct ctctagaata tgttatncac tttcagtttc atgccctgnt   120

tcatggtgtt ccctctacct gttatggttg ttcttcattt gtcanaaacc tctacatctt   180

tcnagcccat gtnatntgtg atttnctctg taatattttc tctatccngc ttctgggtaa   240

aattaacctc tattccttat gttctctnct actgcnatta aaattanntt taagtngtag   300

aagngnttat ctccttcact gtatcagact caaagganag aagttgtgtt catttnga   358

<210>   1370

<211>   535

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (40)..(40)

<223>   n=unknown

<220>

<221>   misc_feature

<222>   (152)..(152)

<223>   n=unknown

<220>

<221>   misc_feature

<222>   (276)..(276)

<223>   n=unknown

<400>   1370

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ccggtttaca gccgcggaaa aacaactcgg accagatccn ggaggggaat gggggctggg        60

tggccaaaat tcagtccaga ggatcgaagc ggctgcttta acagaagttg gggctgcgta       120

acaacagctc caagcaaagc ttcaggctga tncggaaaga tgaggaagca gaaaagagac       180

taaagacaga cggacaggat ggctggggac aacgacaggg acccagtgaa aatacgggca       240

ataccgaggg ctgtaaccct aacacgggca aatttngagg ggctaacatg ggcggaaacc       300

atccgtacca gtcaccacca ctgtctccag ctgtcccaga accggactct tcctgccatc       360

aaaatggcgg cggcgacggc agcggtggta gcacctacgc tggcggtgag caggcaaagg       420

aagttgcttc cgagcgcgtc gaaacgatga tgcgcacgcg caaagtaggg cctacgtgga       480

gccgacctgc cattgggctc catacctacc taacatctat cttctcaaga acttc           535
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<210>   1371

<211>   289

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (31)..(265)

<223>   n=unknown


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<400>  1371
gaagagtcag aggtgaatag ctgtctctca ntggtnatnc tgttttcccn tatctacatg        60

ttttcctccn tnnantctct cttggtntgt ncatatcctt cagaggtaaa gaggagcctt       120

tcagagagct ataaaggttt atcaaagtac cagatnatga gatatatttg gaggctaata       180

tgtaatccnt ggggtttcca gtctcatcnc acccgnacag ctgcctgtat taatgcttnc       240

tgattaacat atggtctcct tntnnttcta gaaaacacta gatctgaat                   289
```

<210>   1372

<211>   385

<212>   DNA

<213>   homo sapiens

<220>

<221> misc_feature

<222> (162)..(233)

<223> n=unknown

<220>

<221> misc_feature

<222> (382)..(382)

<223> n=unknown

<400> 1372
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aaataatgac aacagtatgt gatagttgct ttattcatgt ctttgtttga aaaacaaaaa      60

ccagataacc ctaggtctct ctccaaaatt tcttttttta aaaatgtatt ggggaaaaat     120

atacttggct tacaaaatat gcctgtatac ttggtgacat angtacaggt tttgcttggg     180

gcaaatactg atcaagaaat tcaaatgcct tctgggaggt gtgaagtagg ccnatgccac     240

cttaggaaat gattcagcac aagggaagtc ttcagaatta aagatttctt taccagagaa     300

aacatatttg actagtggat tataggtaac atttcccagg tgctgctata aataaaattt     360

aaaataagcc caacttactg gnata                                          385
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<210> 1373

<211> 259

<212> DNA

<213> homo sapiens

<400> 1373
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aatggattag aactataaag attcttaact ttgaaagcag aaatataagt tggatagtag      60

ttgcagatct ttaataccat tttcaatttc atttatgagc tgctacatta taaatgagat     120

gctctaaaat aataatcgct tttgttgttg ttgttataga acaatgaaaa ttcctgttag     180

gaacacaagt tgctgtttat atttgcttgt tctcttaaat agtatgagaa gaagtaaggt     240

ggagctgttg gaaaagccc                                                 259
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<210> 1374

<211> 463

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (14)..(14)

<223> n=unknown

<400> 1374
gattcttgtg aggnaaacat ggtggtgcct tcaagggatg gaaaattcag tccaattcaa   60

gagaaaagcc caaaacaggc cttgtcgtct cacatgtatt cagcatcctt acttcgtctg   120

agccagcctg ctgcaggtgg ggtacttacc tgtgaggcag agttgggcgt tgaggcttgc   180

agactcacag acactgacgc tgccattgca gaagatccac cagatgctat tgctgggctc   240

caagcagaat ggatgcagat gagttcactt gggactgttg atgctccaaa cttcattgtt   300

gggaacccat gggatgataa gctgattttc aaacttttat ctgggctttc taaaccagtg   360

agttcctatc caaatacttt tgaatggcaa tgtaaacttc cagcccatca gcccaagac   420

tgaatttcaa ttgggttcta agctggtcta tgtccatcac ttc   463

<210> 1375

<211> 566

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (3)..(3)

<223> n=unknown

<220>

<221> misc_feature

<222> (563)..(563)

<223> n=unknown

<400> 1375
gancgcttac attctaagag cagtacaatt agcctattac gtagggccct aatcttgtta   60

gtatagtgtt gttgaaatac tttcttcagc ttttgcctta acaaatccaa agatggaaga   120

tgatgacaat ctggaatatt caacataaca tgaaaaaatt cattccacat atccaaatga   180

ggaagccttc taaaaagacc ttcaggctta cactctcctc cttcattttt cactttcatg   240

taagtgccaa agagcatgca atatactgtt gcagcaaccc caaagtaatc gatctggtag   300

ttccatggtt tgttgctgag catctcaaca cactgaaaac cagatgtttc acactttgct   360

gtgaatatag ttccttttgg aaaaagtttc atatctatac tctgacccag gtcaatcagt   420

gccaagccag cagataaatc atcttcatca tcctgttcca aaaatccgtt tccaagtatg   480

aaattgtctg gtttaatgtc tccatgaatg atttcacagt catgcacttg ctcaatcatg   540

taaagcattc tcatagcaaa agngat   566

<210> 1376

<211> 451

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (90)..(90)

<223> n=unknown

<220>

<221> misc_feature

<222> (234)..(435)

<223> n=unknown

<400> 1376
ctcacatcca tgaagaaggt aaaatcccta cgtgatcctt ctgccaaaat gtcgaaatca   60

```
gaccctgaca aactggccac cgtccgaatn acagacagcc cagaggagat agtgcagaaa       120

ttccgcaagg ctgtgacaga cttcacctcg gaggtcacct atgacccggc tggccgcgct       180

ggcgtgtcca acatagtggc ggtgcatgcc gcggtgacgg ggctctccgt ggangaagtt       240

gtgcgccgca gcggggcnat gaacactgct cgctacaagc tggccgtgng cagatgctgt       300

gaantganaa gtttgcccca attaaagcgt gaaattgaga aaactgaagc tggacaaagg       360

accaatttng agaagggttt tacaaattgg gatcagcaaa agccaaaaga attagcatta       420

cactgtgtgc caagnaggtg aagaaattgg t                                      451


<210>  1377

<211>  277

<212>  DNA

<213>  homo sapiens



<400>  1377
cacaatcctt tcaaagtttc ctttaaaggg gaaaaaacag aggcttgtaa gaaatatgct        60

caaagaggtt ctaggactta cagacatccc attccagtat aagatacaaa aggcaaaatg       120

tttcctttac ccatgatcca ggctagctcc aagaatccta aaaacgatgt tttaatttgg       180

aatctgggat ggggcgtttt gtggattaac atgtgttctg acacaaggac tactctactt       240

ccttaagaaa catgagcaaa aatgctttgc tcaacaa                                277


<210>  1378

<211>  472

<212>  DNA

<213>  homo sapiens



<220>

<221>  misc_feature

<222>  (336)..(437)

<223>  n=unknown



<400>  1378
atgaaatcat gttttttaa caaaagagat aaaatacaat tgaagcaaaa aataacagct        60

agtatataat atatacagtc tgtatttgct tttcacagta ggcctgatga ctaaaagata       120
```

tgctttatta cacgctattt tcacctcttg aaagtcaaag gtgatgatta atttcattta   180

gcagggaagt ggaataatat cttttgaaat aactaagtcc actaaattat acagtatgct   240

attctggttc taagtacata ttagtccctt ggcaaatctg ttctttcaaa gcataccttc   300

cccaaatgag cctacctact tcttaaaaaa catatnacac aatgtggtag tagtaggtgt   360

aaggaangta agttttttca tagtggtatg caaacatatc attganatat tacatagata   420

taaagactta ggggatnaaa atagcagcaa ccaaatactt ggatagattt at   472

<210>   1379

<211>   50

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (15)..(46)

<223>   n=unknown

<400>   1379
acatagtttt tgtananatt aagcatctcc agttnccntc gcagangcct   50

<210>   1380

<211>   270

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (25)..(214)

<223>   n=unknown

<400>   1380
gcgcccagga cggagactat caaangccac acagcgcaca gcctgcggac angggctacn   60

```
accggcccan agctgtcagc gcnctcncca ccganagcgg acaccctgac tntcacaagc        120

ccccaacgca tcccgggacn ngtgacagct attctgcccc cagagactgc ctcacacccc        180

tcaaccagac ggccatgact gcccttttgt gaanaccaat gtgaagaag cctgctgtgg        240

tactgagcgt cgggctgtca caaggcactg                                        270
```

<210> 1381

<211> 510

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (90)..(90)

<223> n=unknown

<400> 1381
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accatgtaaa ctctacaaag taaaccactt cccctccaca ctaaccagca gctagtctgc         60

catgaccttc cagcacccc attattttan catatataca tttcacagga tgtaataacc        120

acacaaatag ggttataata cattcttcag ggaaaaaaat ttttggtcca tattttctat        180

taaaaaaaca cacacacttc cctctttggc aaaagaggtt aaatctccca tagttaactc        240

acaaagaaa ctcaaataaa aactactgag catgaggtac agctgatgtc tggactgttc        300

tggaattaca gacgcctcct tgaggggaaa atcatttctt ataaaatgag atcagtttcc        360

aacagtttca tgtcagtaga aaagctcgat ttagacttgg tcagaatcac ttttgcatga        420

acatgttcca ataactttg tttttcagag gacagcggaa gtccccgaaa atgtgctact        480

tctgaaggaa aggtcatgaa aattgtggcg                                        510
```

<210> 1382

<211> 304

<212> DNA

<213> homo sapiens

<220>

926
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<221> misc_feature

<222> (275)..(291)

<223> n=unknown


<400> 1382
atgatgtttg ttttgcaaca ttgagatttc ctaccattac atgtcattaa aggctggttt    60

tatagaaaag gcaatgtctc ttgataaaca gaaattaagt ggaaagcatt atcgtaaaaa    120

gatacatgat agttaaatag gaaaaattga atgacttcag ttttgaattt gttcgttaac    180

cctgaaagaa ttgttgttgt tattttttaga aatacaaaac ccaaactgac tttactgagt    240

cttagtggaa aaacactttg tgtgactgca ggatnggctc cctctctgat ncaacagttc    300

tagt    304


<210> 1383

<211> 513

<212> DNA

<213> homo sapiens


<400> 1383
tattccatca aattatccag gaaaatccag gtggcagaaa tatataatat gtccatttca    60

tcaagaggtc tcaaataaat tttaaaaggc cagaaaatga tatatatact atgccattta    120

aatcacttct atcttctgta cttaagaact caagtataga aataaactgt gggctgaagt    180

aacattgtaa cctgctccca acatgactgc ataggtgtct aaggttaagt gtgaagatta    240

ctgtgaggtc tcaagttact tgactaatca atcccatttg aatttcaatc caagcagcat    300

attttacaca cacctgaagg aaatatcttc agtgtgttca tgtgtgtgtc tatgtgcatg    360

tatgtgtagg ggataggtgt aattagggaa gggctgaccg aacaacattg ataagtacat    420

gctagaaagt ctgctgttgt tggtaacaca gaaacataca cagtcttcat attcaaagtc    480

ttcacgggga tgtcttctgt aatttcctgc gtt    513


<210> 1384

<211> 558

<212> DNA

<213> homo sapiens

<400> 1384
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aaatgactta aagccaccag ctaattgggc ttaatcattt ggactcantt gactcttccc   60

ctacccctac ccatgcctaa accaaagaaa ggatcatccc acatttacct agcacaaaga   120

aatctactct tctgctcttt ctaggactgc taaaggccat gggaactgga cacctggatg   180

ctgcagagga agggcaaagc tcaacatcaa cttggacagt ttgccaacct gtttgtgaga   240

ttgctgattt gctccttaag caagagattc actgccgcta agcatggctc agaccaactc   300

gttcttcatg ctgatctcct ccctgatgtt cctgtctctg agccaaggcc aggagtccca   360

gacagagctg cctaatcccc gaatcagctg cccagaaggc accaatgcct atcgctccta   420

tgctactact ttaatgaaga ccctgagacc tgggttgatg cagatctcta ttgccagaac   480

atgaattcag gcaacctggt gtctgtgctc acccaggcgg aaggtgcctt cgtggctcac   540

tgattaagga gagtagca   558
```

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<400>  1385
agtctgtaac tttctttttg cagcttaaac aacagaattt gctgntctcc ctcnccttc      60

ctgcaattta attccttaca gattttgcca tggggtgcgg acttagaaag ctagaagacc     120

ctgatgatag cagccctgga aaaatatttt ctaccctgaa gagaccgcaa gtggaaacaa     180

agacagaatt tgcttacgaa tatgtattnc tggattttac tctacaaggt acttttttgct    240

tctattttgt ttgttaaatg attnagagaa naga                                 274


<210>  1386

<211>  549

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (284)..(293)

<223>  n=unknown


<220>

<221>  misc_feature

<222>  (539)..(539)

<223>  n=unknown


<400>  1386
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atccatacgt ccgtgaattt ggaatcatgg tcaaagatga gatgacagac gtgactgggc     180

gggtgctgca gccgccctcc atcctctacg ggggcaggaa taaagctatt gcgaccctg      240

tccagggcgt ctgggacatg cggaacaagc agttccacac gggnntnnan ccnaggtgtg     300

ggccattgcg tgcttcgccc cccagcgcca gtgcacggaa gtccatctga agtccttcac     360

agagcagctc agaaagatct cgagagacgc cggcatgccc atccagggcc agccgtgctt     420

tgcaaatacg cgcaggggggc ggacagcgtg gagcccatgt tccggcacct gaagaacacg     480
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929

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tcaagcgcg   549

<210>   1387

<211>   450

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (418)..(419)

<223>   n=unknown

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acgttttca agacagcctg tgaactaggc acatttcctt cccttcccag tccttaaaaa   180

ccctggaccc agcctcgtag aggcaccact ttcagacacc tatctctgct ggcaaagagc   240

tttcttctct tgcttcttaa actttcactc caacctcacc tttgtgttta cactccttaa   300

tctccttaga ggtagaacaa agaactctgg atgttatctc agactacgag agactgttac   360

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atgagtgtaa ttatacagct ttcctttttg   450

<210>   1388

<211>   228

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (118)..(189)

<223>   n=unknown

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atgtgtcaat tttaanaaat gaanccagac tataatgtaa acctatagct gnaaattcct   180

agcacatanc agaagggtga agcttcatga caactggtcg tgggcata   228

<210> 1389

<211> 375

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (201)..(201)

<223> n=unknown

<220>

<221> misc_feature

<222> (363)..(363)

<223> n=unknown

<400> 1389
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cccccgcagg ccattccagt tttatcaccc acctggattg ggcccaggac agcagctgct   180

ttgtcaccaa ctccggggac natgagattc tgtactggga cccggctacc tgtaagcaga   240

tcaccagtgc ggatgctgtg aggaacatgg aatgggccac agctacttgt gtcctagggt   300

ttggggtgtt tgggatctgg tctgaagggg cggacggcac tgatatcaac gctgtggccc   360

gcnctatgat gggaa   375

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<213> homo sapiens

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<222> (87)..(135)

<223> n=unknown

<220>

<221> misc_feature

<222> (341)..(391)

<223> n=unknown

<400> 1390
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tagttcacta ctgcnacttt ccctgtggcc taggctttgc ctatttccag tgggcgagct     180

agctagatcc tcctccctta aataagccag tgtttttaag acagaatact acttgcatag     240

tggacaataa tatcttaaag aactgagcag gatgaaaaga atttgataga aagcaggttt     300

gaggagcaca ttggaggttg gcaggtttcg aggctgctga naggacntgg gccgatctgg     360

gctggggttg gacgtgaacc ctggcaccca ngcaggtgga tcccagctgg g             411
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<210> 1391

<211> 480

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (428)..(475)

<223> n=unknown

932

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catcataagg caatgttttt tacaaaaaga ttgaaaaaat catgtaagtc atttactctg   180

caaaaatggc acattaggtg gggttccaaa atccataatg aaacaatgtg ttttgcaact   240

aagaaacatt cattatgata tatggaaaac actgtctgtc tacttgtcct ttacgaaaaa   300

atgtaaaact ctgaggatca taaaatttaa ctactaaaaa taatcttcgt gtttaagtga   360

tacttattta agactttaca ctgttctgtt taaccatggt ctcctgtctg attttagcca   420

taattgcnaa gtatttctaa ctacaacaat ttaattttag acacacccgt gaggnagttg   480

<210> 1392

<211> 558

<212> DNA

<213> homo sapiens

<400> 1392
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agattaaaaa atatgcattg caagaagcat atgacaaaca ttctgagagt acaaaattag   180

ttgtaaaaaa taacataatt taccagtaaa cccactcata tagaaatgtg caaagccttt   240

tgatataaaa agttttgtac accaagcacc tatttttata acttagcttc ccatggagag   300

ataatggctt gcgtgcattt tatgtatcca taacatacat acaaggctcg gtcttttcaa   360

tgggataaca gttcacaact cttcgatttg aattgtaatg aatctggtga caaggatttt   420

tctctaatgg attccaaagt tagccagaac ttttaatgtc aagatgaaaa agggtgtaag   480

gtgttatatt ttcttcaatt cctttaccac aggaggctaa ctccacaatt tccctcatgt   540

ttctcattca gaaaaaaa   558

<210> 1393

<211> 503

<212> DNA

<213> homo sapiens

933

<220>

<221> misc_feature

<222> (472)..(494)

<223> n=unknown

<400> 1393
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tctactctgt tgttttcaca aggcaaaatg tatggttatg tggatacctt acttactatg   120

ttagccatgc ttttaaaggt agcaatgaat cgagcccaag tttgtttgat atccagttcc   180

aagtctggag agaggcatct ttatcttatt aaagtatcga gagacaaaat atcagacagc   240

aatgaccaag agtcagcaaa ttgtgatgca aaagcaatat ttgctgtgct cacaagcgtc   300

ttgacaaagg atgactggtg gaatcttctg ttgaaggcca tatactcctt atgtgaccta   360

tcccgatttc aagaggctga gttgcttgta gattcctcat tggaatatta ctccatttta   420

tgatgacagg caaaaacgca aagaactaga atactttggt ctgtctgctg cnattctgga   480

caanaatttc aganaggcta caa   503

<210> 1394

<211> 368

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (314)..(345)

<223> n=unknown

<400> 1394
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ttctattttg gagttacaaa taataagccc tgagacagaa gacactggtc ctcacacagc   120

agctgccatt gctctgttct cagttgcggt gctttatata gaacaatagg tatacaaaag   180

cgtttgagcc attccggtat tcccactgct ctgatagatg agagacaagt tgtaggcaat   240

atctcttcgt aagtctaact ggtcaagttc tataccctct accacaagtg gagggagctc   300

cagggccttc tganaatagt ggattgcaag atgaatcagc ccccnaacct gatgaaggcc   360

cacgggcc   368

<210> 1395

<211> 449

<212> DNA

<213> homo sapiens

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<222> (100)..(139)

<223> n=unknown

<220>

<221> misc_feature

<222> (244)..(244)

<223> n=unknown

<400> 1395
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gggcgcctcc ggagttaccg gagcggaact gcgggtaccn gaagtcgagt actgggatca   120

gcgctaccaa ggcgcacgnt tctgcccct acgattggtt cggggacttc tcctccttcc   180

gtgccctcct agagccggag ctgcggcccg aggaccgtat ccttgtgcta ggttgcggga   240

acantgccct gagctacgag ctgttcctcg gaggcttccc taatgtgacc agtgtggact   300

actcatcagt cgtggtggct gccatgcagg ctcgccatgc ccatgtgccg cagctgcgct   360

gggagaccat ggatgtgcgg aactggactt ccccagtgct tcttttgatg tggtgctcga   420

gaagggcacg ctggatgccc tgtggctgg   449

<210> 1396

<211> 496

<212> DNA

935

<213> homo sapiens

<400> 1396
tcgctcccac cctctatctt aggcatgagg cccctgggat gtaagcacct tggacccaac   60

cccaagtcct aagtcaggaa ttccaactac ctgaggagcc cagggcagaa tggcaggaag   120

ggtggaggac catgctctgg cctcagagct gaatggcact aaggaagtcc tcatgatctg   180

agtcctgaag gaagcaaggt gaggtgggag gtctgggggg tgagaggatt tgggcccca   240

gagccagctg ggccacactg agcttcccgc ccttgtgcat gaggtagaga tggaagtgga   300

aaccgctgcc ataggtagca tgcctcaggg accagccata ataggcttgg gcatagtgtc   360

tggtccgaaa gtggggggca gcagaagtca ttgagataaa ccggcctcca gggacaagca   420

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<210> 1397

<211> 368

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (46)..(46)

<223> n=unknown

<400> 1397
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agctacggga gaaaacagtt tccaggaaac tggaaatgaa cggcccgagt gctttccagg   120

ggctcatctg tgggaagtat aatggaatgt gcttacaagg gccagcagga gtgcctggtc   180

gagacgggag ccctggggcc aatggcattc cgggtacacc tgggatccca ggtcgggatg   240

gattcaaagg agaaaagggg gaatgtctga gggaaagctt tgaggagtcc tggacaccca   300

actacaagca gtgttcatgg agttcattga attatggcat agatcttggg aaaattgcgg   360

agtgtaca   368

<210> 1398

<211> 531

<212> DNA

<213> homo sapiens

<400> 1398
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ttttaaaaat gctatactaa gagaaaaaac aaaagaccac aacaatattc caaattatag   120

gttgagagaa tgtgactatg aagaaagtat tctaaccaac taaaaaaaat attgaaacca   180

cttttgattg aagcaaaatg aataatgcta gatttaaaaa cagtgtgaaa tcacactttg   240

gtctgtaaac atatttagct ttgcttttca ttcagatgta tacataaact tatttaaaat   300

gtcatttaag tgaaccattc caaggcataa taaaaaaaga ggtagcaaat gaaaattaaa   360

gcatttattt tggtagttct tcaataatga tgcgagaaac tgaattccat ccagtagaag   420

catctccttt tgggtaatct gaacaagtgc caacccagat agcaacatcc actaatccag   480

caccaattcc ttcacaaagt ccttccacag aagaagtgcg atgaatatta a   531

<210> 1399

<211> 196

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (89)..(89)

<223> n=unknown

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gagcagctgc agctggcact gcagtgggng ctggcccagg agacactggc tgccgttcac   120

cattgcagca aagctttatc aagcgcacac tgggcagcca tggggcgggt accacggcca   180

gtaacgagca agaagg   196

<210> 1400

<211> 329

<212> DNA

<213> homo sapiens

<400> 1400
cttggctgtc gctgaggatg tgcagggcac acagcagtct ctctagtacc atgtgtccca   60

gtccagagag gcaggaggat ggagctcgga aggatttcag ctccaggctg ctgctggac   120

cgacttttca acatttttta aaaagtgcct cagctcctca ggagaagctg tcttcagaag   180

tggaagaccc acctccctat ctcatgatgg atgaacttct tggaaggcag agaaaagtct   240

acctcgagac ctatggctgc cagatgaatg tgaatgacac agagatagcc tggtccatct   300

tacagaagag tggctacctg cggaccagt   329

<210> 1401

<211> 524

<212> DNA

<213> homo sapiens

<400> 1401
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atctccacct tcatgacctg tttcctcagt ggcaggcaat gtctcccctt cctgttgggg   120

aggattgccc aagtcagctc tgaggccatc ctctcaggtc agcaatatgc agaagagtcc   180

ctcagagtgg tcctgcagag aacatgtccc ctaagtgtct gagaactggc tgaggtgatc   240

ttcaccagca catagtcccc aggctgggct ctgaccctga gcccagggtt attgacatcc   300

tccatctctg catcagggaa gatcacctta aggtttccat cattcctgcc acacaggtca   360

gtggcagagc gtttactgag cccttccact agcaccaact gggtacagcc cacagaggtc   420

tgattggctt ttgttgcttc ttctcggaag atagtgatga gttcctccaa acgcttaatt   480

ttacctcttc cgggacatca tccttcagcc tatgatatgc cgtg   524

<210> 1402

<211> 337

<212> DNA

938

<213> homo sapiens

<220>

<221> misc_feature

<222> (315)..(315)

<223> n=unknown

<400> 1402
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gtgctggagg ccaaacttga aatacaagtt taatgttcct cgtcgggcaa aagataagga   180

tccgatctcc cccggcccgg tgtgcagcag gagcgaccaa ccccgacccg ggttaaaact   240

cccagggact cttcgctgct gccacctctt gttctctccc ccgttcccac tcggggtctc   300

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<210> 1403

<211> 103

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2)..(94)

<223> n=unknown

<400> 1403
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taagtanaac aacatnttan anaccaact gctnttgctc atc   103

<210> 1404

<211> 530

<212> DNA

<213> homo sapiens

<220>

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<222> (482)..(482)

<223> n=unknown

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tcgtggcaga gtctgatgct gtaggaaaac cttcgggcat gtgacagcag tgtggtccac   180

tccctgttct gccctggcgc tcagagtcat gtgtaagtag gaaacctgag caagtcttcc   240

gtggaggacc ctgagctgcc gtctttggga tccttcctgt gtccccaccg tctttcattt   300

atttgctttc ctgggcctct atctgggccc taccttgagc ttctccagtt ttattcaagc   360

caccagagta agaatttggg tgtagatgtc acaactacct tctactcaat tcaccaattc   420

atttactgct atggcacgtc tcaggaataa ctctagaaac ctctaaatcg aaatattata   480

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<211> 453

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (250)..(420)

<223> n=unknown

<400> 1405
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gacccagaag ggacttccct gctcggctgg ctctcggttt ctctgctttc ctccggagaa   120

ataacagcgt cttccgcgcc gcgcatggag cctcccggcc gccgcgagtg tccctttcct   180

940

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tcctggcgct ttcctgggtt gcttctggcg gccatggtgt tgctgctgta ctccttctcc      240

gatgcctgtn aggagccacc aacatttgaa gctatggagc tcattggtaa accaaaaccc      300

tactatggag attggtgaac gagtagntta taagtgtaaa aaaggatact ttctatataa      360

cctcctcttg ccacccatta ctatttgtgg atcggaattc ataacatggg ctacctggtn      420

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<210>  1406

<211>  506

<212>  DNA

<213>  homo sapiens


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aatacatttt tgcagcttaa attttcttga attcatatac gcttctgtca tttaaacaaa     120

cttccagaga aaactggtct ctatatattt aagtaacaaa tttgacaaaa tacatattta     180

tacatatata gatctctaat ataaatatta aatttgaaaa aatcaaatgt gaagcagaaa     240

ctgctataca agtatattgt ataatattta ttttatacat taaagtattt ggttgaatat     300

acttcaatta ggtttctaaa aaacaccatt atctgcttct tagtaattgc gacattcttg     360

aaaagcatgt gaaacgggta taaacttcaa ctctgtgctt aattcagaat tcctgtttgt     420

tctcctcaaa cttttatctt cctaaagcat cttgccagag actacaaagg gaagggacat     480

ttacagagca ctataaacat gtcctt                                          506


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<211>  336

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (180)..(180)

<223>  n=unknown
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<220>

<221> misc_feature

<222> (325)..(325)

<223> n=unknown

<400> 1407
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ctgccacaca aagaacttgg ggtgtaagga taaggcaaaa gctccaatcc cattttttcag   120

ttctcctagg atgcacccct cagggagcct ggccagagtt ccgaggcccg tgagcgtcan   180

tgttgcttta ttttccatca aagccctctg agaagtgaga cctcagcaat tccgggagcc   240

acatagagac agacttggca agggacccccc tggttctgag ccagtagctg ccatctggaa   300

attcctcttt tagctctcct tagangtgat gtgaat   336

<210> 1408

<211> 340

<212> DNA

<213> homo sapiens

<400> 1408
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tcatctgacc atccatatcc aatgttctca tttaaacatt acccagcatc attgtttata   120

atcagaaact ctggtccttc tgtctggtgg cacttagagt cttttgtgcc ataatgcagc   180

agtatggagg gaggatttta tggagaaatg gggatagtct tcatgaccac aaataaataa   240

aggaaaacta agctgcactg tgggttttga aaaggttatt atacttctta acaattcttt   300

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<210> 1409

<211> 421

<212> DNA

<213> homo sapiens

<220>

942

<221> misc_feature

<222> (329)..(364)

<223> n=unknown

<400> 1409
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ataaaactgt gactaggcat acactgtagt ttttgaaaat tatgcaaaag cagctaaatg   120

taacttattc caagtgcatt tttcttattt atatctttat gtagcactac tacagaaatt   180

ctgcaagttt ctgtttcaaa gcacaataac tagtaatacc aaagactatt tcaaaatgtc   240

cagatgtagg ggaagagatg tttacagtat gatgaaaata attttccaag taaagtgaag   300

tttgtgtgtt ttgtacactt agggatatnt ntntatagct acattcacac actcacaatt   360

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t   421

<210> 1410

<211> 437

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (165)..(432)

<223> n=unknown

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aattataatt gaatcagtaa caaaatttag ctttaaatga gtcaagtatt ctgcatttga   120

aatttaatat cacaaacatt caagattagt gaattttggt aaganaaaaa tactagaaga   180

aaggaaaaag gacacctttt caacagatag taattnataa aaanttttn aaaagtgctn   240

tgggaaaaca cacagtatca tnacttaaga aaagtcattn aaggaagant taagtgcntc   300

aagtggagtg nattacagac taaaaaangt tttaaaattt gccaagaaan ttaagtgtta   360

aaannactcn tcncantatt cagnttcatg tttaaggaaa canttgacag anaagtaaac   420

943

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<210> 1411

<211> 470

<212> DNA

<213> homo sapiens

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<222> (18)..(61)

<223> n=unknown

<220>

<221> misc_feature

<222> (375)..(419)

<223> n=unknown

<400> 1411
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ngcccggaag gccaccgctg cggtgatttt cctgcatgga ttgggagata ctgggcacgg     120

atgggcagaa gcctttgcag gcctgttagg cctgttacat taaatatgaa cgtggctatg     180

ccttcatggt ttgatattat tgggctttca ccagattcac aggaggatga atctgggatt     240

aaacaggcag cagaaaatat aaaagctttg attgatcaag aagtgaagaa tggcattcct     300

tctaacagaa ttattttggg agggttttct cagggaggag ctttatcttt atatactgcc     360

cttaccacac agcanaaact ngcaggtgtc actgcactca gttgctggct tccanttcng     420

gcttcctttc cacagggtcc tatcggtggt gctaatagag atatttctat               470
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<210> 1412

<211> 136

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (11)..(127)

<223> n=unknown

<400> 1412
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ttttttnaca annaacagta ttatccctan tantangaat aannnaatac cacctnattc   120

ttattangta ttataa   136

<210> 1413

<211> 499

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (33)..(428)

<223> n=unknown

<400> 1413
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caaagacagc cggcccccca tgtcagtggt ctaggatggc cagtnaaggc accaacatcc   120

caagtcctgt ggtgcgccan attnacaagc agtttctgat ttgcagtata tgcctggaac   180

ggtacaagaa tcccaaggtt ctcccctgtc tgcacacttt ctgcgagang tgcctgcaga   240

actacattcc tgcccacagt ttaaccctct cctgcccagt gtgccgccag acctccatcc   300

tgcccgagaa angggtggcc gcgctccaga acaatttctt catcacaaac tgatggacgt   360

gctgcagcga actccaggca gcaacgctna ggagtcttcc atcctggaga cagtcactgc   420

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gatggcagat actggcccg   499

<210> 1414

<211> 586

<212> DNA

<213> homo sapiens

<400> 1414
agttctgttt caatctgtaa tctctgatgt acccaaagcc tccccaaggc cacagtagtc   60

atgctcccgg gcagtatctg ccatcccagc cacttacatt cccatcgtgg tttgggcaag   120

agagaggctt tcccgcagcc acagcagtga ctgtctccag gatggaagac tcctcagcgt   180

tgctgcctgg agttcgctgc agcacgtcca tcaggtttgt gatgaagaaa ttgttctgga   240

gcgcggccac ccctttctcg ggcaggatgg aggtctggcg gcacactggg caggagaggg   300

ttaaactgtg ggcaggaatg tagttctgca ggcacctctc gcagaaagtg tgcagacagg   360

ggagaacctt gggattcttg taccgttcca ggcatatact gcaaatcaga aactgcttgt   420

caatctggcg caccacagga cttgggatgt tggtgccttc actggccatc ctagaccact   480

gacatggggg gccggctgtc tttgaccctg cacgctgctg ctgcgttcca taacggccac   540

tcctgtgcat cgaagaccag agccctcgag ccgaattccg agttac   586

<210> 1415

<211> 374

<212> DNA

<213> homo sapiens

<400> 1415
cggagatctt caaaaaggag cacccggacc gcttcatcga gtgctacatt gctgagcaga   60

acatgcactt ttgcagcctt cttcacgcgg gcctttgacc agattcgcat ggccgccatc   120

tccgagagca acatcaacct ctgcggctcc cactgcggcg tttccatcgg ggaagacggg   180

ccctcccaga tggccctaga agatctggct atgtttcggt cagtccccac atcaactgtc   240

ttttacccaa gtgatggcgt tgctacagag aaggcagtgg aatagccgcc aatacaaagg   300

gtatctgctt catccggacc agccgcccag aaaatgccat catctataac aacaatgagg   360

attccaggtc ggac   374

<210> 1416

<211> 441

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (37)..(37)

<223> n=unknown

<400> 1416
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acatcttcag cagctcagcc ggcttcccac ttcttggtac ccggttaact gccaggtggg   180

tgacagtgat gccaggctcg cccactactg cactggacac agcctcacca atgccacctt   240

cataataatg gtcctccacg gtgaggatcc tgcccttggt ggcacgagcg ctgtcgagaa   300

tgagttttct gtccaggggc ttgatggtga aggggtccag cacgcggatg ttgatctttt   360

ctttcttcag cagttcggca gcggccaagg cctcgtgcag ggtcacccca gccccgataa   420

cggtcacctg gtcatccttg c   441

<210> 1417

<211> 406

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (232)..(250)

<223> n=unknown

<400> 1417
ggaaagccca gccatatccc cagtttgact tgaccagtag taaaactagc actacagttt   60

gatccctttt tacctccttg aatatcttca attcatcaag gatctgtaaa gaaggagagg   120

tacaagatat atgaaaccca aatctcaaaa caatgattta gtgaatttcc catgaacttt   180

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aaacagtgat tgcttcaaaa tttccaagag ccatactctc cctccagctg cnnnnnnnnn      240

nnnnnnnnnn aaatgcacac tattttaacc taaaatggtg ccctgtggct gccattctct      300

aactcttgca tacttaaaca tttattcttg gtcaaattaa aacctcatgc atttccaaag      360

atataaatgc cttgcctgga gaagttagat cttgcaagtc tcagga                     406


<210>  1418

<211>  265

<212>  DNA

<213>  homo sapiens


<400>  1418
tcagacaggg tggttgacca aaagtgatct tatattgttt acaaaaggca aacccttcac       60

aagaaacaag aggtattttg agttcacaat cagtccagtg aagcaatatt atgctaagaa      120

ggatgttctt ctgtttgcta ctcaacattg aagatgtgaa gaatgagaac atttggctgg      180

aaacggcacc taatgaaaca aacacccact ggtgggacat aaacagctat aggcataaga      240

caaaccatct cggccctcct gagac                                           265


<210>  1419

<211>  407

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (67)..(105)

<223>  n=unknown


<400>  1419
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tgaatgnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnggtaa attttgttat      120

gtatatttta tcataattta aaaaatatat ctagaatggg caagaaggat tctcctcatt      180

cctctcttga cttgagaatg atcagtcaat aggccctgaa gtctgaattt gtgaaaattt      240

ccttgggtga caaacttgtt tgattactct atttagtgta tcccaaagtt attaccacat      300
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aatctttttaa acaataaaac aaatacccct tagaaagtct tctgcaaacc catttctgaa   360

aatggtacat tatagggtgg gtatagatgc atagatatgg gattatg   407

<210> 1420

<211> 549

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (268)..(295)

<223> n=unknown

<400> 1420
aaaatataca taacataaaa cctttttaacc atttattttt aaacatttta agcttcttat   60

tgaaatataa caatatagga aacacataca cagtacaact tgtaagtaca ctgctcaatc   120

agatttcatc tggatcaaga acagaatatt ccaatattcc ggaaaagaaa agaaacatgt   180

taaaaagaaa agattttttat ttaaaaaacc tagacatagt aattaaaatg ggggttaaga   240

gaggtaatct ctctatccct ttgtgtgnnn nnnnnnnnnn nnnnnnnnnn nnnnnatccc   300

atatctatgc atctataccc accctataat gtaccatttt cagaaatggg tttgcagaag   360

actttctaag gggtatttgt tttattgttt aaaagattat gtggtaataa ctttgggata   420

cactaaatag agtaatcaaa caagtttgtc acccaaggaa attttcacaa attcagactt   480

caggggccta ttgactgatc attctcaagt caagagagga atgaggagaa tccttcttgc   540

ccatttcta   549

<210> 1421

<211> 447

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (92)..(92)

<223> n=unknown

<220>

<221> misc_feature

<222> (275)..(435)

<223> n=unknown

<400> 1421
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cagcacacgc agggacctac agatgtcgag gntttcaccc gcactccccc actgagtggt     120

cggcacccag caaccccctg gtgatcatgg tcacaggtct atatgagaaa ccttcgctta     180

cagcccggct gggccccacg gttcgcgcag gagagaacgt gaccttgtcc tgcagctccc     240

agagctcctt tgacatctac catctatcca gggangggga agcccatgaa cttaggctcc     300

ctgcagtgcc ccagcatcaa tgganacatt ccagggccga ttccctctgg gtcctgccan     360

ccacggagag acctacagat gcttcggtct ttcccatgga tctccctacg agtggtcaaa     420

acccgagtga nccantgcct gtttctg                                        447
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<210> 1422

<211> 499

<212> DNA

<213> homo sapiens

<400> 1422
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gtgtgagaat aacacaagct gtcactgcaa atcagtagct aaaaatgctt tgtctggtta      60

atgtgaacat ttaatatttg gctcaattaa aaattaaccg atgaaagtac atgtcattgg     120

aatttgaaaa taccttttgt acggaatact taaagggcat cacccatgac taaaccagtg     180

cttttaaaat atggagaata tggggaaatt taatatgagt tgggatactt gactcttttt     240

taaaacctct ctacctgttt ggcacaacag ggtattgata aagagtgggc tcattgttat     300

ggcaaaggat tcacttgcat ctctgtgttt ttaagtgggt aattgttttt ttgcactcag     360

tcacatgatt aaagcagaca gaccaagaga tcagttattc atttatacca tacttttaaa     420
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950

aaaatattga gccaggccct ggggaagtgg gaagtgagag ccagagcggc gtggctgata   480

gtctagggca gtgctatcc   499

<210>   1423

<211>   428

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (266)..(368)

<223>   n=unknown

<400>   1423
aaaaaataca acaatcttgc gcttgttgga tcagtgttct agaaatgtca ataggtcaaa   60

ttagttaatg ctgttattta gttctatggc tttactgatt ttttttccac ttgttctatc   120

aattactaag acagacggat taagtcttca actatagtag atttttctgt ttctccttgc   180

agttctttca gttttcatgt attttgaggg tctttttaaa aatgcataca catttaagat   240

ttttatgccc tctttatgaa ttaatnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   360

nnnnnnnnag tgtttttatg acacatattt ttatatgatt ttacttttta tctatggcct   420

ttatgatt   428

<210>   1424

<211>   365

<212>   DNA

<213>   homo sapiens

<400>   1424
tgtggccagt cttaaagcta gttttttgcta tgtggaacat gctgctctaa ttcagattta   60

aagagtttct tcctgttaat tcgaagctca ctgtgcctct tgtttccgag ggaagaagga   120

ctgattaagt catctaaatg gatgcaatac tgaattacag gtcagaagat actgaagatt   180

actacacatt actgggatgt gatgaactat cttcggttga acaaatcctg gcagaattta   240

aagtcagagc tctggaatgt cacccagaca agcatcctga aaaccccaaa gctgtggaga   300

cttttcagaa actgcagaag gcaaaggaga ttctgaccca atgaagagag tcgagcccgc   360

ttatg   365

<210> 1425

<211> 338

<212> DNA

<213> homo sapiens

<400> 1425
gcttgcagcc atggtgccca gtctggcccc accaggagac accagaacga ctgtccatgt   60

gtctactcct tggcaccttc cccgcatggt gggtagatgg cagggaggg gtgggaatct   120

gtgtaaccgt ggaagggaac ggccctcaga cccagagggt ttggagcctg gggtattgtc   180

accgacagtg gccttagcct agctagcaca gttagtgctg tgcatcacag catagctttt   240

agaggcagga tttgtagtca gtatagttgg gaggcaccat ggagcaggga tcaccctcca   300

actcattgac aaggagatac caaactatca gttcatag   338

<210> 1426

<211> 393

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (276)..(282)

<223> n=unknown

<400> 1426
aattattggg gcagctacta ggcatcatca ggtgcagtgt taggtggttt tcattcatta   60

atctcttata atctattcaa ccctacaaga taggtgttat acaggtatga aacacgtgtt   120

tacagagaaa gaagatggct ttgccaaagt cacataactg attaagaagc agtttgaatt   180

tgaagccaga ctgacaggac ttcaaagtgc ttgacatttc tgctacccct gcttcataca   240

952

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tatggaaagg aatagagagc aatgatacag actttnnggg anggatgac tgtatgtgta      300

gaatatcgag aagaatattg gaaaaaggag gatatttccc agtacctctt ctcatgttga      360

gatcaaagtg ctcatagaac aatgcctctg aga                                   393


<210>   1427

<211>   262

<212>   DNA

<213>   homo sapiens


<400>   1427
aatcaattgg ttatatttgt gtaagtcgat ttctccatga cttcctcctt ccctgggggtt      60

cccctttta ctttccagc cacagagatg agacattaga ataggacgta cttcctgtga       120

ctgcttgcat ttcgggccaa gaggcagaaa gacagaggaa aaaagcagca gatgtttgct      180

cctacatctt gagatcagag ctcctctgat cagagaggaa ggttcctttc cctcagagta      240

tatgtgactg ttgtccccgc tg                                               262


<210>   1428

<211>   446

<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (413)..(413)

<223>   n=unknown


<400>   1428
gagctcagct tctggttgta ttctccatga gtttaataat gacatgaaaa aatgtggaag      60

ccgagagagt aaaatactct gccctgtaaa aacatggaag acatgcaaac agaaaaaaaa      120

taattgtatt gttttagata atacttaaga caactgtgaa acaacaaaaa cacaactatt      180

cctttgtgac cgatgaagat aaaaagaaat tctggtaaag acaggtatgc agtttttttaa      240

aatgggttaa gaaattgttg cagaagaatt tctaacatct gaaaatggtt ttatgtttaa      300

gaaggatggt ctgaattgtg tactaatagc aaggtataag tttggtgtag agcctatcca      360
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953

gtagcgtcca ctgtaccact tttaagtaag actcagtcca cagaagctgg aanattgcct   420

tcgctttaaa atatccttta ccttct   446

<210>   1429

<211>   370

<212>   DNA

<213>   homo sapiens

<400>   1429
ctttgaggtg tcagtgaagg tgatttggtc ctcgcaatta ccctttgaga aaggtagtat   60

tacctacatt tgttattggg aaactaaggt ttgaagaggt tggatgactt gcctaagact   120

acatagccaa gaaagggctg agcctgagct tgtgccagta ttttgactcc taaagctgtg   180

cttttaaaac cataccacat gtcctgtgtg ctgaatattc gatgtggaac caagctaacc   240j

aaccttctca acacacgagt tctctgcctc ccttctccac acacacctgt ctgccaagtt   300

gtctgctctg atagtcaaac aaatcctaaa atctcttttt gtctaagact tcatgaaagt   360

agaaaggtga   370

<210>   1430

<211>   449

<212>   DNA

<213>   homo sapiens

<400>   1430
gcacttggga aatgcctctt gggaaggtga catgtaaaaa tggtggtcaa cgccacttct   60

gggcaggtgc caaggcctgt agcagcctgt gtctttgggt cctgcatgct ttcctttgtg   120

ttggctggtt cctctggctg agttcactgt tggtctgtct gtggcaatta cggagaagca   180

tgacagtcac agcttccctg agttctactg aactcatgaa ctttgttcat aacagactct   240

acaagtggta caggattcct atggccacaa ctcaactcaa ctccgtagaa atcaatgttt   300

atggatcatt ggagctaaaa gaaaacttgc agatcagatc atctcatcca attccctgac   360

tttacagaat gaggaaactg aggcacagta agattttttt ttttaatttt ttgcccggtc   420

tgaataaaat tgaaggcacc cttaaccat   449

954

<210> 1431

<211> 270

<212> DNA

<213> homo sapiens

<400> 1431
gtatattaga caaggaaaat aatggcatat gaatatgtta aacaagttat aggagatttg   60

aaaactaagc aaggaacaaa aagaacaaat ggaaaacttg aacataaagc ctagatgatt   120

ctatgaggcc atgctggacc tgactctcaa ggctctgaga agcagttcat attcttgctg   180

cttattaatg ttgctcacct ttcaagtgca gactgccaag tgtcatgaat tagaaatgaa   240

agaggaaaga gggaaggtac taaattatag   270

<210> 1432

<211> 385

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (145)..(145)

<223> n=unknown

<220>

<221> misc_feature

<222> (332)..(357)

<223> n=unknown

<400> 1432
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gttttcttaa aactcaaata ttgaatacct aatctttcta agctaagagg ttggaattct   120

ggggaacccg tttataaaaa tgaanagggg tattaattac atcaacatgc tggccataag   180

gttaaaaaca ttcacaattt ccccctcata attttgaagc ttttatacac aaggattgaa   240

955

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aacctttaaa acttaagatc tgcgtgtcta gtttaaggct ctataaagag cacttaccca      300

aaggaggtta ctaatatgaa ttaatttaaa ananacatgg tttccacaac aaacganaat      360

tcttacagtt gaaaccaatt tactc                                            385
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<210> 1433

<211> 482

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (456)..(456)

<223> n=unknown


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cacagaaggt gagatcacag ctctgctggc agagattact agcccttggc tctctcgttt       60

ggcttgggta ttttatatta tttctgtcat aacttttatc tttagaattg ttctttctcc      120

tgtttgtttg cttgttagtt tgtttaaaat ggaaaaaggg gttctctgtg ttctgcccct      180

gtaattctag gtctggaacc tttatttgtt ctagggcagc tctgggaaca tgcgggattg      240

tggaattggg tcaggaaccc tctctggtat tctggatgtt gtaggttctc tagcagtcta      300

gaaatggata cagacatttc tctgttcttc aagggtgata ggaaccatta tgttgagccc      360

aaaatggaag taataataaa tgcctcctgg aggctgtggg tgtgggggat tctgtatctg      420

gattccgtat cactccaact ggaggctgtg ggtgtngggg attctgtatc tggattccgt      480

at                                                                     482
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<210> 1434

<211> 445

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<400> 1434
agcgcacggc tgtagactgt gctgaacaga attcaaaaat aatggaattg cttcaggtgg   60

taccaagctg tgttgcttca ttagatgatg tggctgaaac tgaccgcaag gagtatgtca   120

ctgttaagat caggaaaaaa tggaactcaa aactgtatga tctaccagat gagccttta   180

caagacagtt ttactttgtc cactcagctg gtcagtttaa gggaaagact tcaagggaga   240

ttatggcaag agatagaagt gtccctaatt taaccgaagt tctttgcatg agccagggag   300

gcaaagtgtc acactgagac agaataacct gccagctcag agtggatctc atgctgctga   360

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cggatgctgc ggagacacac ggtag   445

<210> 1435

<211> 499

<212> DNA

<213> homo sapiens

<400> 1435
agagagatgg tggtggttaa cttttttgtt gcattctttc ctgccacaga aaagctttca   60

ggaacttggt gctgaagact tctcaagcca gtctcatgga agcacattta gttctcagat   120

gtgttcacgc tcagcatcat cttgttgcat ccttgcttcc tagcagtggg ttcaacaact   180

cctcattcct gttaggaccg ggaagcacta acctcttggg gagtggagag ggggccagca   240

gcctccgggc cctgggacac gaccgcatcc tctaccgtgt gtctccgcag catccgtctg   300

tgtccagggc cagtctgtgt cagtccaggc ctctctggcc agtcgctgtt gcctttctca   360

gcagcatgag atccactctg agctggcagg ttattctgtc tcagtgtgac actttgcctc   420

cctggctcat gcaaagaaac cttcggttaa attagggaca cttctatctc tttgccataa   480

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tctcccttga angtctttc                                                          499
```

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<210>  1436

<211>  467

<212>  DNA

<213>  homo sapiens


<400>  1436
gccagtcaga gaaggaagag gatgatggcc ttcggaaatc cctggataga ttctatgaaa      60

tgtttggtca tccacagcca ggctctgcaa actcactctc tgcatctgtc tgcaagtgcc     120

tgtctcagaa aatcactcaa ctaagaggcc aggagagcca aaagtatgcc ctccgcagtt     180

ttcaaatggc ccgggtgatc ttcaaccggg acggctgctc cgtcttacag aggcattcca     240

gggacaccca cttctaccca ctggaggaag gaagtacatc tttggatgat gaaaagccaa     300

acccaggact gtcaaaggat attactcatt cctcttgca gcagaatgta atgaaagacc      360

tgtaactggt gccgggcagt gtgcagggta gtaatggagg tgctgtgcca tgaccagcag     420

tgttggtggc cacccagatt ccctagggtc tctggccagc tctgtgt                   467


<210>  1437

<211>  442

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (385)..(418)

<223>  n=unknown


<400>  1437
gccggggtgc gcacttgggc ccccctggcc atggcggcga aggtggacct gagcacctcc      60

accgactgga aggaggcgaa atcctttctg aagggcctga gtgacaagca gcgggaggaa     120

cattacttct gcaaggactt tgtcaggctg aagaagatcc cgacatggaa ggagatggcg     180

aaaggggtgg ctgtgaaggt ggaggagccc aggtataaaa aggacaagca gctcaatgag     240

aaaatctccc tgctccgcag cgacatcacc aagctggagg tggacgccat cgtcaacgcc     300
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gccaacagct ccctgctcgg aggcggtggc gtggacggct gcattcatcg ggccgccggc    360

ccctgcttac cgacgagtgc cggancctgc agagctgtaa gactggcaag ccaagatnac    420

cggcggtatc ggctcccggc ca                                              442


<210>    1438

<211>    370

<212>    DNA

<213>    homo sapiens


<220>

<221>    misc_feature

<222>    (224)..(358)

<223>    n=unknown


<400>    1438
gggcctactg accagcaagg aaaacataat ccaatgcttg tggtcagtac tgaatgactt     60

ggccctacgt ctttgtgtct tttaagaacg gtccaatggg tctgtcataa cacttcaaac    120

atctgcttct cagtcctagt ttatgcttta taagccaatt cccattggtt taaatagttt    180

ctgtgccttt aatatgactg tctatatgga ttaatagtaa tgancacagt natgtggtga    240

taatganaat tttctactta gaatttggnt aaattcaatt gancttnata aatgttctct    300

gaagtctagg ttaagaaaaa tagagaaatg aatgtggtag tctggcaanc atcttgcnca    360

tgtctggcaa                                                           370


<210>    1439

<211>    363

<212>    DNA

<213>    homo sapiens


<400>    1439
ttgccagaca tgagcaagat gattgccaga ctaccacatt catttctcta tttttcttaa     60

cctagacttc agagaacatt tatcaagttc aattgaattt aaccaaattc taagtagaaa    120

attgtcatta tcaccacatc actgtgttca ttactattaa tccatataga cagtcatatt    180
```

959

```
aaaggcacag aaactattta aaccaatggg aattggctta taaagcataa actaggactg      240

agaagcagat gtttgaagtg ttatgacaga cccattggac cgttcttaaa agacacaaag      300

acgtagggcc aagtcattca gtactgacca caagcattgg attatgtttc cttgctggtc      360

agt                                                                    363


<210>   1440

<211>   94

<212>   DNA

<213>   homo sapiens



<400>   1440
aattttaaaa agttgaagtg aagcagacaa atttcatctg aaaatatatg aacattccta       60

tctttaccac caccctttac tgaatctttt gatc                                   94


<210>   1441

<211>   73

<212>   DNA

<213>   homo sapiens



<400>   1441
gtaaagatag gaatgttcat atattttcag atgaaatttg tctgcttcac ttcaactttt       60

taaaattctc gag                                                          73


<210>   1442

<211>   427

<212>   DNA

<213>   homo sapiens



<400>   1442
ggtcagagta aaagcttttt atctctaaat attacttccc tggaatatta gatgtagcag       60

aagtcagtaa cggagtgacc tttctcttaa acaattcata gattcactga aattttcttc      120

aactttagga aaattaaata tattccacag tgctgtaagt cttaaatatt gattttcctc      180

tgaaatcttg actcatccta cccaccaaca ttctcccttt gtacactatg ttctttgtaa      240

tgttcatgtt acacaagtga aaattagtaa cattagtaaa ttttcattgc aggtttattt      300
```

960

```
gttcatattt ctggatatat aatccattac tgttaaactt catatcaatg ttccgatatt      360

tcttcatctt atgttttatg ttacaaaaca ggttatttca ctatatgtat gtttaattgg      420

ttaattc                                                                427
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<210> 1443

<211> 475

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (408)..(450)

<223> n=unknown

<400> 1443
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attttaccac atggtatgaa ttagtccaag tgtttttata ctaaatttac ataatataca       60

cttttcaagt aagtacaaag aggtataaac actgcttatg aattgaatgt taaaaaataa      120

atctctatgc attacttttg tctttcccca taatctcacg tatacacata aaacaaaaaa      180

caaggagacc caattatagt tgtggtatct gctgtttctg ccttgaaatt tccagcttac      240

agctaagcaa caactactgt gcatccagaa cttacatcta tgttcctaga gtacttgaac      300

cccattctca agtgcaccct tcttaccagg tggaaatagt tcactgctgt aataaatcta      360

agaaaacatt atgtttctct ctactttttt ttctctcata taatctangg caatttctcc      420

ctctgtatca ttttcctgag aaaaactaan aataaatttt taatccaaga ccaga          475
```

<210> 1444

<211> 484

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

961

<400>   1444
aaagaataac catatccttc atggtggtga tggatagaag gagaaggtag atttgttact   60

agtagtngtg gctttttttgt ttgttttggg ttgttgtggg gttttgtgtg tgtgcgtgtg   120

cttgtgtata tgggtttttgg tttgttttag tngtggtata tagggcactt tttatttttat   180

tcattttata ctttggctta agtgcttggt aattcatatt acaaaataat tagagtgtga   240

ttcctccatc cccttaatgg gtgcaccctaa aacatgaata ccagctaata gtccatgtgt   300

ccctgggcac acatgggaag atcgttacct gatgtgcagc agtcggcata gcttggctga   360

tactctctat agaagtncat tcagagccac tcagtctgaa cttggcagaa ttgccccata   420

tcccagtatt cagtgtccag cctatctatt gtttggggcc tacttcctca ctctgacagg   480

tgag   484

<210>   1445

<211>   186

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>.   (37)..(149)

<223>   n=unknown

<400>   1445
cactctgtca ccaggctgga acaattttaa cacagagcat tgtgtaagga cttgctgtag   60

cagaatctca caaatctcta ccaccagcta ttgggtnggg agtggaagtg ggttgggcta   120

natccccata gangatagca ggggcaganc tagggcagcc agagtgttgc ttctcacctg   180

tcagag   186

<210>   1446

<211>   417

<212>   DNA

<213> homo sapiens

<400>   1446
ctgggaagcc cagtttaaat cagactgccc tggtaagggt taagcttgag gatgaaaatg   60

acaacccacc aattttcaac cagcctgtaa ttgagctgtc agtttctgaa aacaaccgac   120

gtgggttata cttaacaact attagtgcca cagatgaaga cagtgggaaa aatgcagaca   180

ttgtttatca gcttggaccg aatgcctcct tctttgatct ggaccgaaaa acaggagttt   240

tgacagcctc cagagtattt gacagagaag aacaagaacg attcattttt acagtaactg   300

ccagggataa tgggacccct cccctccaaa gccaagcggc tgtgattgtt actgttctgg   360

atgagatgac aatagcccca agtttactca taatcatttt caattttttg tgtctga   417

<210>   1447

<211>   459

<212>   DNA

<213> homo sapiens

<220>

<221>   misc_feature

<222>   (445)..(445)

<223>   n=unknown

<400>   1447
ctattaagta tcgaatttaa tatattacaa taaaataatt tgaaatcaaa gagaagactt   60

cctatatggc ttagttgcaa tctatcaacg atcatgtgct tcacagctga tgtacattta   120

atattctact atcctgttta gagactaaaa aaaaaattaa ccccttttagc aaccatagct   180

gcaacataat tgcagtcaca ccttcaaaag tcattgaaaa cttgagattt gaaggtgact   240

ttttagatca aaaggtaagg tgaaagtctt gaagcagtca atttggaaac ccccaggagc   300

963

```
agaatttggc atatcaggac aggttttttc ttcttcagca aacattatct tgggacattt    360

tggaataatt ttctcttttc atcttttgcc atttgaagga aactgaaagg agaaaatatt    420

ctcagaactc aggaatttca aagcngttct aaaaattct                           459
```

<210> 1448

<211> 483

<212> DNA

<213> homo sapiens

<400> 1448
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gcactgtaaa tgtaatgcat ttgtgaaaac attttttaaa aaactacagc ttagaaaata     60

ccagaggcct catactaaaa tatatttttg caagtgaagt aaatataaaa ataatttaat    120

ccaaaattaa gtctatataa atatcagaga attcacagta gaaatatcta aggtactgac    180

acttcagaca ttgctgagta tagaatcaga atgctgagta tagaaaataa tttaaaacta    240

aagttggtag gtaaataatg tgtatataac tttaaaagaa gtagaatttt tttgtagatg    300

tataattaca ttcaaattat attttttctt gaaaaattag tttttgaaaa gcaaataatg    360

atgtaattca actcaaattc atgctcttca tcctattgta ttcacatgtg aaagccatgt    420

ggattaattt ttcatgcatc aaagatatga gaaatcattt ccggttaggg cgggattatt    480

tat                                                                  483
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<210> 1449

<211> 467

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (214)..(461)

<223> n=unknown

<400> 1449
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aaatgatata ctactaattc actttaattt taactaagat taaaaatggt tttctcttac     60
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964

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tataatgcag aagaatattg ctctgaaaac ctacttcatg gatcactcaa tattataagt      120

taaacacaaa cagcctcttc actcaggttt tcatcatgca tcttacattt taatgtcctt      180

attctttcat agaaagtgtc ataaataata ccgnccnaac agaaatgntt tcctcatatc      240

nttgatgctg naaaattaat cncatgcttt cacatgtgaa tacnatagga atgaagagca      300

tgaatttgag ttgaattaca tcnttatttg cntttcaaaa actaattttt caagnaaaaa      360

tataatttga atggaattat acatctacca aaaaattcta cntcntttaa aggtatatac      420

nccattattt acctacccac tttaggttta aaataatttc naaacct                   467


<210>  1450

<211>  421

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (401)..(401)

<223>  n=unknown


<400>  1450
gaataagaaa gtggggagtt atccaagacg aattgcagag caaaaatctt caggtttttag      60

gaaatgattg acagaagtgg gcaaagacaa agtaaaatct aagataacct ggtgcttctg     120

agtctgattg caggaggttg gtagccacac ggtaagggaa aggaggcccc taaggtgctc     180

attgtcaggt ttgtgcaagt gcagagttgg cacctgagaa tgagtgcctt tttaaattgt     240

gagctgggca ccttgcagtc cagtccctaa gttccctggg taccattggc aggagtacca     300

gatagatgtc agaggaactg aggaggaaag aggtgtctct aattttggac aagctgaatt     360

taagtgtttg aagtgtccaa agaaatatgt ctagcaagac nattaaaata ctgtttctaa     420

t                                                                     421


<210>  1451

<211>  391

<212>  DNA

<213>  homo sapiens


                                        965
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<220>

<221>   misc_feature

<222>   (233)..(335)

<223>   n=unknown

<400> 1451
ttctttggac acttcaaaca cttaaattca gcttgtccaa aattagagac acctctttcc   60

tcctcagttc ctctgacatc tatctgtact cctgccaatg gtacccaggg aacttaggga   120

ctggactgca aggtgcccag ctcacaattt aaaaaggcac tcattctcag gtgccaactc   180

tgcacttgca caaaacctga caaatgagca cctaggggc tcctttccct tancgngtgg   240

gctacnaact tcctgcaaat cagactcaga ngcacnaggt nanctnngat ttnacttggc   300

cttngcccan ttcgggnant catttcctaa aacnngaaga tttggctcgg caattcgtct   360

tggataactc cccactttct tattcctcga g   391

<210>   1452

<211>   434

<212>   DNA

<213>   homo sapiens

<400>   1452
ctctgatgta gggaagaaat agttagaaac atatctccag gatgtcatgg aaggaactat   60

gagtaatcct ctgtaaccct ctgcatgcag ctgccatttc tgcttattat taccactgaa   120

ttaacacagg tacacgtctc cttttaaaaa aacaatacaa aggaaatctg agtccatgaa   180

gaaagaaatt agaagctgtt attcatacta tagaagattt cttgactcta cagaagtcct   240

tctatgtgat tgttttatgt gggttttcct gacgtatttc acaagcagtg tgatttacaa   300

agcttcagct tatattcaga ttcaccacca tttatagtct gtgacatcct gatagctaga   360

ctagtgaata ttaagctacg tatgcagaga ggcaggaaaa ctgactctgg gggacatata   420

aagcagttat tgtc   434

<210>   1453

<211>   434

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (208)..(248)

<223> n=unknown

<220>

<221> misc_feature

<222> (418)..(418)

<223> n=unknown

<400> 1453
acgaataagg atttaactac tatcattatg cagctaatgt cctaaaccta catcttcata   60

atcaatcctt ctggagttcc agatctaaat tctcaatagc ctagtggaca tttccacaca   120

tttatttagg gcaaatgggt ccattcaaca taactaaaac taaattcctt acccttcccc   180

acaaaccagc tcatgtcctc agtcagangn atcgatgntc tcccacaact agaaacttca   240

gtcatggntt acttcctctt cctcacacct gtctcacata tccctaaaca actacccttg   300

ccaagaatct cagtcctact gtgaatgcct gggttacgaa cctactcaag atttgaaccc   360

agagtgccta tgaattcctc cagttcctaa gatctgcagc cccagtccct agaagggntg   420

aagaatgagg cagg   434

<210> 1454

<211> 493

<212> DNA

<213> homo sapiens

<400> 1454
gttgtttaat aaggcacaga atacctgtag cataggtcag ccttacgatg tccatgaatt   60

acatattcag acgttttaga gcctgataca ttttggaaaa gaaaaacaac ttctacacct   120

attctacagt ccgcatttaa aacaataaat tcctctatta aaaacgtaaa gccgggtttg   180

967

```
cttgcgtgcc acagggaata tatccaggaa ggttattatg aagctgtcaa atcaagatga    240

tggaaataag gcagtttgaa cgaacagtct tcccacagtc aggccatttt tgctgatttg    300

gtttagaatt ttcagaaata cttagtacac tccacctgtt ctttgatggg aatatctaag    360

aaggctaggt aggttcttag ggttagcctg agtcatctag gggctcaact ccttgtgagg    420

ggaaatgaca gtgaacaagt tagtactttg ctccacaaat gcatgaaagg accaatttgc    480

atcttctatc agt                                                       493


<210>  1455

<211>  509

<212>  DNA

<213>  homo sapiens


<400>  1455
aaaaggaagt taaatactga tagaagatgc aaatttgtcc tttcatgcat ttgtggagca     60

aagtactaac ttgttcactg tcatttcccc tcacaaggag ttgagcccct agatgactca    120

ggctaaccct aagaacctac ctagccttct tagatattcc catcaaagaa caggtggagt    180

gtactaagta tttctgaaaa ttctaaacca aatcagcaaa aatggcctga ctgtgggaag    240

actgttcgtt caaactgcct tatttccatc atcttgattt gacagcttca taataacctt    300

cctggatata ttccctgtgg cacgcaagca aacccggctt tacgttttta atagaggaat    360

ttattgtttt aaatgcggac tgtagaatag gtgtagaagt tgtttttctt ttccaaaatg    420

tatcaggctc taaaacgtct gaatatgtaa ttcatggaca tcgtaaggct gacctatgct    480

acaggtattc tggggcctta ttaaaacaa                                      509


<210>  1456

<211>  234

<212>  DNA

<213>  homo sapiens


<220>

<221>  misc_feature

<222>  (2)..(220)

<223>  n=unknown
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<400> 1456
tncagctgga gctggcgcag gngctggccc aggagangcc caanctgcca gaggaccctc   60

tgctcagcng cctcctggnc tccccggcac tcaaggcctg cnnggacact gccgtggaga   120

acatgcccag cctgangatg aaggtngtgg aggtncnggn cggccacggt caccngtatt   180

cccgnaatcc cangcctgct cancnnccat cccctgctgn agctgagcta cacg   234

<210>   1457

<211>   383

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (347)..(368)

<223>   n=unknown

<400> 1457
ctcttcattt gacatgctca caaagaggag aataagacaa gaaagcaagc taacccagaa   60

acagtgaggt gacagtgcgc ctcaaacaca ggaaaataaa atgcataact atactgattg   120

gatgctgctc aaaatcagcc tacatgccat ctttggtacg tgtgaacaaa gttaccaatt   180

cctattctaa ctatgatata ctcaaaactg tacaatcagt aatgggatgc tctaaagaca   240

aaagaactgc aaaccctttt taaaaaatta ttttcagtaa cagtgttact ttttggtatt   300

aagattgtaa gaataccttg tggataatgt gggacaaacc caatggntac ttatgtggat   360

ggngatantc tcaaattatc cat   383

<210>   1458

<211>   397

<212>   DNA

<213>   homo sapiens

<220>

<221> misc_feature

<222> (373)..(373)

<223> n=unknown

<400> 1458
ttttatttaa cttctatctt atttgtattg ccttctgtca ccaccaagaa tcttgttact   60

ctggaatacc agggatgata atttgagaat atcacattca cataagtatt catttggttt   120

gttccacatt atccacaagg tattcttaca atcttaatac caaaaagtaa cactgttact   180

gaaaataatt ttttaaaaag ggtttgcagt tcttttgtct ttagagcatc ccattactga   240

ttgtacagtt ttgagtatat catagttaga ataggaattg gtaactttgt tcacacgtac   300

caaagatggc atgtaggctg attttgagca gcatccaatc cgtatagtat gcatttaatt   360

tcctgtgttt gangcgcact gtcacctcac tgtttct   397

<210> 1459

<211> 396

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (355)..(374)

<223> n=unknown

<400> 1459
ctctagtcaa cactaggcaa agtaagttac tttgagatcc actaactccc ctcccaagcc   60

tgcaggtaaa accatcccag atcaccttta ttcctgcttt agggtttaaa aaccccagga   120

ggcaaacaaa ttaaagactg cagatgttct taggatggtt agacttgaca cagaagagaa   180

agaggtacaa ctgttcatag agttcagttt gacaattaac atgtatatta gtatggttgc   240

ctgtgtttgt gttatgtttc actgtgtttc atcttcctgt gcctggggtc ccccatgccc   300

tcctttccta tctctctcaa aaccagctgt ttttccccat ctgctgcatt ttggntatag   360

atattattgt aagnttgctt taaaaccaaa ctcctc   396

970

<210> 1460

<211> 446

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (440)..(440)

<223> n=unknown

<400> 1460
gaggtctggt cccctgaccc gtgccaaccc catagccatg acttcctgac agatgccatc   60

gtgaggaaaa tgagccggat gttctgtcag gctgcgagag tggacctgac gctggaccct   120

gacacggctc acccggccct gatgctgtcc cctgaccgcc gggggggtccg cctggcagag   180

cggcggcagg aggttgctga ccatcccaag cgcttctcgg ccgactgctg cgtactgggg   240

gcccagggct ccgctccgg ccggcactac tgggaggagc ctaaagaacc ctcctggcct   300

ccagctcagc cttctctcac tactatgtct gtccaacaga ccggccagaa tttagcttca   360

cttgagagag atctggaatg gtcgccatga ttgaaaccac gcaccattac atcatcatta   420

cattaattac atcaacatan attatt   446

<210> 1461

<211> 314

<212> DNA

<213> homo sapiens

<400> 1461
ttttcccaaa gaacatgagt tcacctcagc catcaaagca gagggcgaaa gctgcaagtg   60

acaaggcaag aggctcctag aaaaatagat tatacccaag gctctcctcc tggggaccca   120

aacccgtccc caggctcccc ctcagagctt gccaaatgga gtgaaaggca tggaaagggg   180

ctgggagaaa agccagctcc actgaacaaa ggggagagga gcctggcagt gagcagacct   240

gggagggggtg tggggtggga tgagctttgc tccttggttg agtgctggaa aagggaaggg   300

ggaagaaata attt   314

971

<210> 1462

<211> 51

<212> DNA

<213> homo sapiens

<400> 1462
cccaaaacag ggaaccatat cacatttctt tgattttaac ttgcacagtt t   51

<210> 1463

<211> 423

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (91)..(92)

<223> n=unknown

<220>

<221> misc_feature

<222> (401)..(401)

<223> n=unknown

<400> 1463
cttttgtaat gtacctttag atgggtacaa atcattaatg tacactttat aagtcagtat   60

ctaactcgtc cactatctga gtgtttatag nnttaaacct tattctccca ccctcttcca   120

ggtatgtgtg tgtgtaccct aaactaacaa gtgaggaaga tatattccta gaatctctgg   180

ttggaattcc aattgtgtct tctcacagaa actatattat aaatggtatt taggtttttg   240

gttttttttt ccatcaaact ctgtagacat taaacttcag ttatcttata ggtctgttgg   300

ggaggagaac aaaataatca ttgtggtatt gatttgataa gaagacttgt ttagatacca   360

aacagtgaaa taataatatt tctaaattag gggttatcac nagctcagta tgaatagacc   420

gtg   423

<210> 1464

<211> 431

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (196)..(412)

<223> n=unknown

<400> 1464
ttaggttaac tagtatttcc ttttgcagta tttaacaagg ggttaacctc atccagtcta   60

ttttccacct gactttgtat gagatgaaaa atctcatctc tataaattca atttcaattt   120

tctaatatca tctatgctgt cttcttctac cttcttggat atctggaata tatttataaa   180

agttatttta ccaggntgat cttntaattc catcatctgt cccatttctg catctatacn   240

aatgattatg ttttctcctc attatgggtc aggtcagatt ttcttgtttc tttacatgcc   300

tgataaatgt ttgattggct gtcatacant atgaatttca tgtnntgtnt gctggagttt   360

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aagtttgatt c   431

<210> 1465

<211> 154

<212> DNA

<213> homo sapiens

<400> 1465
ggaattacat attcaccagt gtatctttag cacttaacat tttaatgaat ggaataatta   60

taagtgaact atattttct aaaaacagag gcaaggttga tattaagaag aaaagttaga   120

ggatacataa tgtattcctg actctgagat atat   154

<210> 1466

<211> 120

<212> DNA

<213> homo sapiens

<400> 1466
ttttcttctt aatatcaacc ttgcctctgt ttttagaaaa atatagttca cttataatta   60

ttccattcat taaaatgtta agtgctaaag atacactggt gaatatgtaa ttccctcgag   120

<210> 1467

<211> 381

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (14)..(149)

<223> n=unknown

<220>

<221> misc_feature

<222> (279)..(332)

<223> n=unknown

<400> 1467
gtcgtgctga agcncttggg gaccgtttcc ncggcatttc cccaactcct tctccacccc   60

cctgccaggc ccggaagtac caccagcttc ctaagggatg caggaagggg ccgggtgaac   120

tgangngaag tccagggcan gggagtcana cccctcaaca tcctgtttag gggtcctcct   180

ccacaaaggg tgccctccac ctctccctcc tgctggttgg ccggctcaga gatgaagggg   240

gagagatggt ggctccaagg ctctgccacc gccacctcnc aagcctgcca acgtgaatgg   300

ctngcagaat cagtcagcag gccagcggct tnggaaagag caactgtctc gcagcctggg   360

ccagctgggg gaacaatgta g   381

974

<210> 1468

<211> 468

<212> DNA

<213> homo sapiens

<400> 1468
tttaagtaat tgcattcagt tccaggatag gtgatgagaa ggtgactccc aagtggagca   60

gggagaccca ttggatttca ggctcccctc agccctgtaa cctggcatca ggatctgagg   120

gctggtctga agtctgccct tgggtgagcg tgtcagtgcc ccctcagacc atcccagctc   180

aagtccactg cccaccatgt gccaacccccc ccgcaagcct gggaccccta agcaacaaac   240

cctacattgt tcccccagct gcccaggct gcgaggacag tggctctttc ccaaggccgc   300

tggcctgctg actgattctg caagccattc acgttggcag gcttgggagg tggcggtggc   360

agagccttgg agccaccatc tctccccctt catctctgag ccggccaacc agcaggaggg   420

agaggtggag ggcacccttt gtggaggagg accccctaaac aggatgtt   468

<210> 1469

<211> 443

<212> DNA

<213> homo sapiens

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<222> (27)..(79)

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<222> (309)..(309)

<223> n=unknown

<220>

<221> misc_feature

<222> (410)..(436)

<223> n=unknown

<400> 1469
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ctttttatat atcacactta agcttgtgtt agctttttttc ttttgcccca gatcaaactg   180

aacaatgtat ataacactat ctgtctgtaa aatacttttt ttaagaaagc atttatattt   240

atatgacagc ttgaactgac aacattgtgt atatagatca tcttgaagta ttatttcaca   300

ttgaaaagna gaaaatatat tgataactat agatgttatg aagaagaggg tatttctagt   360

ttgtactaaa aatcaattgg atgaactaaa tcccaaacat gacactgtan gcagcagttt   420

taagnctaat tttacngggt ata   443

<210> 1470

<211> 338

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (235)..(299)

<223> n=unknown

<400> 1470
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aaaatattaa agcatatatg ttgcatataa aatacagtac agaaccagga gttgcactat   120

actgattagt gcttaacaga agaaatgatt aaatttgttc ctcccagaag tatatacaca   180

gttcatttcc acagcatttt cctatatagc cagcaagtta ttttcttcag ttatnacacc   240

ttgatcaaac cngaattata aacttagcac ttacaaatat gaaaattcat tcacaaggna   300

aaacagtatt tccatttcac caataaaaat tttgaaag   338

976

<210> 1471

<211> 340

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (129)..(292)

<223> n=unknown

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agcaaattca aatataagtt ggttcctgaa gaagaaacca ctgcctcaga aaatacagag   120

ataacctcnn aaaggcagaa agagggcatc aaattaacaa tcaggatatc aagttggaaa   180

aagaagcccg attctccccc caaagttcta gaaccagana acaagcaaga gaagacagaa   240

aaggaagagg aganaacana tgtgggtcgt actttaagaa agatctccaa gnatatctag   300

acccactgca aaagtggctg agatcagaga tcagaaagct   340

<210> 1472

<211> 442

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (4)..(109)

<223> n=unknown

<220>

<221> misc_feature

<222> (226)..(441)

<223> n=unknown

977

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cgttcggcac gctctttctt ctttaaggca acatccaaat cctgnaacng ttcctctaat   120

ttttcacaga gcagtttatg ttggcaaggt gggcagaacc attctccatc tgggatgatc   180

atcagaggag ggcgaaggca ggcagtatgg tatccactat cgcaanagtc acacagnagc   240

attagcncag gntngtttgg aaggccacat tttttgcatg gttcatcatc atctgcnagg   300

atggcttcnt cactttcctn ttcttcctcc tcttctgaag ctgcagatga tntttcactg   360

ccagacccnt cactttcatc attgctggaa tatntccatc tgccacgtgt ccgagnanca   420

gtccatcgaa ctttgccttn ng   442

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<211> 235

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (87)..(158)

<223> n=unknown

<400> 1473
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actctgggga ctcactccat agtccangag ttccaggttc cggattatgt tccatggcag   120

cagtccaagc aggaaaccaa gccatctact ctgcctcnag tccaacaagc caacagcctt   180

catacaagca aaatgaagac tttgactagg gtccaaccag tgtttcactt caagc   235

<210> 1474

<211> 475

<212> DNA

<213> homo sapiens

978

<220>

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<222> (86)..(215)

<223> n=unknown

<220>

<221> misc_feature

<222> (403)..(407)

<223> n=unknown

<400> 1474
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ccatgtctga catagaagag gtggtnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnncag   120

ctgttgaaga gcaggaggag gcagcggaag aggatgctga agcagaggct gagaccgagg   180

agaccaggnn nnnnnnnnnn nnnnnnnnnn nnnnnaagga ggctgaagat ggcccaatgg   240

aggagtccaa accaaagccc aggtcgttca tgcccaactt ggtgcctccc aagatccccg   300

atggagagag agtggacttt gatgacatcc accggaagcg catggagaag gacctgaatg   360

agttgcaggc gctgattgag gctcactttg agaacaggaa ganagangag gaggactcgt   420

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<210> 1475

<211> 511

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (395)..(497)

<223> n=unknown

<400> 1475
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ggggtgccca ggagggcccg ggaactgggg gagtgcaggc cggaggaggt gcgagcgagg        120

agcagatctt tggtgaagga ggccaggctc tatttccagc gcccggtgac tttagccttc        180

ccgcgggtct tggagacttt ctggttatcg ttgatcctgt ttcggagaac attgatctca        240

tatttctgct gcttgaactt ctcctgcagg tcgaacttct ctgcctccaa gttatagatg        300

ctctgccaca gctccttggc cttctccctc agctgatctt cattcaggtg gtcaatggcc        360

agcaccttcc tcctctcagc cagaatcttc ttctnctttt cccgctcagt ctgcntcttt        420

cccannttttc cgctctgtct gggctgcttc tggatgtaac ccccaaaatg catcatgttg        480

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<210>   1476

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<212>   DNA

<213>   homo sapiens


<220>

<221>   misc_feature

<222>   (182)..(185)

<223>   n=unknown


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attttttgtcc attcaattgt gccttcttttg tattatgata agatgggggt acttaaggag       120

atcacaagtt gtgtgaggat tgcattaaca aacctatgag ccttcaatgg ggaagaccag         180

anngntgaga ggggccctga aagttcatat ggtgggtatg tcccgcagca gagtgaggag         240

atgaagctta cgtgtcctga cgttttgttg cttatactgt gatatctcat cctagctaag        300

ctctataatg cccgagaccc caaacagtac ttttactttg tttgtacaaa aacaaagaca        360


<210>   1477

<211>   211

<212>   DNA

<213>   homo sapiens
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<220>

<221> misc_feature

<222> (66)..(191)

<223> n=unknown

<400> 1477
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attttnagaa nttatgcaga gatccctgat acccnnnnnn nnnnnnnnnn nnnnnnnnnn   120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnca gtgatacaat ccatagtcct   180

tacacaggtg ncgtcagttt tacatgcact c   211

<210> 1478

<211> 73

<212> DNA

<213> homo sapiens

<400> 1478
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cttaactgtg gtg   73

<210> 1479

<211> 392

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (365)..(365)

<223> n=unknown

<400> 1479
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atgaaaatct gttgtctgag cctgttggtg gtagaaaggt ggttgaaatg tttcttaatg   120

981

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actggaatag cattgcacga ttatatgagt gtgtgttgga atttgcacgt tctctaccag      180

acatacctgc tcatctaaat attttctcag aagttcgtgt ttataattac cgaaaactta      240

tcttgtgtta tggaaccacc aagggaagct caattagtat ccaatggaat tcgatccatc      300

aaaaattcca catttctttg ggaactgttg gcccaaactc aggttgcagt aactgtcaca      360

aatancattc tcccatcagc ttccaagaaa tg                                    392
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<210> 1480

<211> 337

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (146)..(169)

<223> n=unknown

<220>

<221> misc_feature

<222> (285)..(285)

<223> n=unknown

<400> 1480
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agcttcaata taaagtttat cacagtttta cagtattcaa aaatgacaga cctgccttaa      120

aaaacaaaac aaaaaccaaa aaaggnctat tacacccaaa acataagana acaattaaat      180

aaacaagttt ggcattttca taactttata gtataaaaca gaatattaaa tttattactg      240

gcaaacggac actgatttat ttcctttgaa atgtgtccca tttanacaca ctatacaagt      300

tcattataca aaagatggat gatcattttg atgaaag                               337
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<210> 1481

<211> 439

<212> DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (304)..(306)

<223>   n=unknown

<400>   1481
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cagggtccag ggcggggatc ctgcgctgcc agccgtgtgc tcatgaccaa gagtgcagat   120

ttccataagc gggagatcga gtacttcagg aaagcgctgg gcaggacccg agtgaagtcc   180

tccgtctgcc ttgaggcgta cctgagtttc tgcggacagc gtggacccca cgatcccctc   240

gtgtcggggt gcctgcccag caatccctgg atctcagaca atgacgccta ctgggtcatg   300

aatncnccca cccctgccct ctccccaggg tggctgcccc cacgaagctc cgtgtggaga   360

gatggggctt cagcttccgg gagctcctgg gaggaccccg tggggcgggc ccactttcat   420

ggactttctg ggaaaggag   439

<210>   1482

<211>   406

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

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<223>   n=unknown

<220>

<221>   misc_feature

<222>   (297)..(400)

<223>   n=unknown

983

<400> 1482

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gagagttgaa gctgcacccc cgaaaggagc cagctgtacc ttcacccagt ctggggggact    120

ggtgaggcac ttgggggatg gggagcaagg ccagctcacg aaggaagact tgggcaggga     180

ggatcangga cgcctggcaa ggatccaccc tatggaatcg ggcctcgtca gtggggtgac     240

aatgtcagag ttgtctataa atcggggggg aggccgcggg cctcgaggtg ggaaaancag     300

gtgccggcgc acctgtggac aaaattctgg aacgcgtttg ggcgaggnga gggataggcg     360

caactcccgg aaggcaattg accctcgagg cagncttcan gcaacg                    406
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<210> 1483

<211> 483

<212> DNA

<213> homo sapiens

<400> 1483

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gaccgacacc tccaccctac aagtactgaa aaggcacagc ttactgaaac aaatgcaggt      60

atcaagtgct tggactccat gtgctgtttc ccggaaggag aagcagcgtg tgcatctgtt     120

ggaagaatgc tggaacgagt tataggaaga tgtagtccaa cccacatcag caggtgtgaa     180

atctctctaa gtagcctttg ctgcagatga gtatcctatc tggaacagga tgaacctgcc     240

gctctagata cctaataaat cagcagctgg ttttaccaac tgaagcagga agtctgctat     300

ttattagcac tctttggtgg tagatttcac tttgtggctt tggggtaagg cttttttcac     360

tcacaaagga agagaaagca cctttgaaga gacttcatct aatgaacaaa aaattttgtt     420

tcataatctt tctaaaatgt gctcagtagg agtgtgttta tggtactctt ttatggtttg     480

tat                                                                   483
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<210> 1484

<211> 528

<212> DNA

<213> homo sapiens

<220>

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aaatatacat acagagtaag aaaaggaaag cctttgactt cactgttatg ttgagattat       120

tttgtaaaga caaaaagcaa aaaaatttta aaaaaataaa aaggaaatag tatatgtata       180

atttaaaaaa gaaagttata caaaccataa aagagtacca taaacacact cctactgagc       240

acattttaga aagattatga aacaaaattt tttgttcatt agatgaagtc tcttcaaagg       300

tgctttctct tcctttgtga gtgaaaaagc ccttacccca aagccacaaa gtgaaatcta       360

ccaccaaaga gtgctaataa atagcagact tcctgcttca gttggtaaaa ccagctgctg       420

atttattagg tatctagagc ggcaggttca tcctgttcca gatagggtac tcatctgcag       480

caaaggctac ttagagagat ttcacanctg ctgatgtggg ttgggact                   528
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gcacgagaac tctcaaagcg ggaggaagaa aaactggaca ggctgattgc tattggtgag        60

gaggccagtg ctcagcaaga tactgccaat gagctccgca ggatgctgtc atcgcagtca       120

gacgtttggc aacagcagtg gaagaggcaa ctggtgcttt tcagctaggc cttgaaaaat       180

tgcttcagag gttgatttcg aataccaaaa gctaggaacc aattacaaaa ggctctgctt       240

cctaaactgg tagaagtcta gttcccaaac ctgcttctga atccctggct ccttttctgt       300

gtcctccaga aaaaaacatg gntgaaccat ttatatccag atagtatgaa ataattgct        360
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<210> 1486

<211> 466

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (420)..(420)

<223> n=unknown

<400> 1486
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cacttcttat ttccttatat tgataggaga ctaagaacca gtaaaatgaa ggagagaaag   120

acggtttgac aaaacagtgc ttactagtag atatgtcaga tacacagcag tggaaatgta   180

agagattaag gtacaaatac aggttgtgct tatagtcgtc taatgagcca cacagggatt   240

ttaaaaatta agatttcaaa ctccatgaag cagtcaagtt agaccagcaa aggaagattc   300

aagcaatgaa gtcacagtat atatccatac ttctgtatct tgtaaaccaa tctgccttac   360

ctcagccaag gccatatgaa ttaataactt aaatgtgtac agtgctttaa acttttaaan   420

cctttcacat ctatggacta cgtgattctc acaacaaccc tgtgag   466

<210> 1487

<211> 282

<212> DNA

<213> homo sapiens

<400> 1487
ggcaaaaaaa aaaaagtcct gtggaaatca tatagacaaa catttgcaaa gctgctactg   60

ccattgtacc agtgttaaac tgtgttctac cttgcatctt ttactgattt ttatgacaga   120

ttttatattg taaccattcg agaactctgt aagtgctatg gcttccttaa actacgattt   180

atcatatgct cccggtgttt actttgagac tgaatggcaa ccagagaatg taaacaacca   240

aggtgcatct ggttatgttt taaaataaag attaataaaa gt   282

<210> 1488

<211> 250

<212> DNA

<213> homo sapiens

<400> 1488
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tatgataaat cgtagtttaa ggaagccata gcacttacag agttctcgaa tggttacaat   120

ataaaatctg tcataaaaat cagtaaaaga tgcaaggtag aacacagttt aacactggta   180

caatggcagt agcagctttg caaatgtttg tctatatgat ttccacagga cttttttttt   240

tttgccctcg   250

<210> 1489

<211> 366

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (202)..(202)

<223> n=unknown

<400> 1489
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agctcgctgt gccagcacct gttccgcgac gccagccagc ccgtcgagcg cgccaaccct   120

gagggcctct gctacggcct cttcggggac ctggccttcg ccgccaagga gagcctcgtg   180

gctgccgagt cggggcgcaa gncttacact ggcgaccggc gccaccccat cttctttaag   240

cgcaagtggg accctgccga gcccttcgca ggcctcgcct tccagtgccc ttcagtgtct   300

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<210> 1490

<211> 434

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (45)..(45)

<223> n=unknown

<400> 1490
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attgtgattg gcctatcagt aatactattg acagatacaa ttcaatagct actctgtgtc   120

tattgtgagc aagtcattgt gattaggtac tgcctaaagt ataaaaaagg gaatgaaaga   180

aaacaaaaag tgattacaaa aagtagaaca tgataagtga attcaagaaa tggtttcata   240

gatgaggtaa cacttaaaat gcttttgagt gatcacagaa tatattcatg tttctggtag   300

aggaaatggc ataaggaaat gtgtgcaaaa agtgtaagat atgcttgaca agtatgtagc   360

tggagtagag tgtagcagag taggaggcat tatagggtgg tgattaagaa ctttggcttt   420

gggagccaga cagc   434

<210> 1491

<211> 531

<212> DNA

<213> homo sapiens

<400> 1491
tccacttcat ctcctcccaa atgaatgaat tgatctggaa acacctcact aatttctttg   60

aaaaatgtag taaggaagct gtatgttgta ttcagagtag ggtttatagg tccaaaagag   120

tccaacttgt tttgtctact gtaacatgga gtcaggaggt ctttctgacc tagaagaaaa   180

tattaagatt ctttttaaaa gaagtgtact cattataaag atctggtttt ccacatgatt   240

ttactacgtc attttattga agctacaaga ttttatacac aaaagatgaa catgtttact   300

aagagctagt aatttcttcc agataagaag ggtttcctga atcctgtctc tttgcctctt   360

988

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tgtttcccat tatatctgag attttatcta tgtcaaatgt tagtaactcc caaatcttca    420

gtttgcctca acgcttttc ttgagcttca attcatattt caaattccct gctggataca    480

actgaatatc ctagctgtac ttcaaataca agctaacaaa aaacaacatc t           531
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<210> 1492

<211> 440

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (39)..(39)

<223> n=unknown

<220>

<221> misc_feature

<222> (188)..(188)

<223> n=unknown

<220>

<221> misc_feature

<222> (313)..(496)

<223> n=unknown


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cgtcgtgacc aatacaaatc ggcccatgac cagaacagca accttctcat cgagtattcc    120

gcaatgagtt tggggagatc cagggtgaca agagcgagat gatctggaac ttccactgct    180

gggtggantc gtggatgacc aggccggacc tgcagccggg gtacgagggc tggcaagccc    240

tggacccaac gccccaggag aagagcgaag ggacgtactg ctgtggccca ttccagttcg    300

tgccatcaag ganggcgact gagcaccaag tacgatgcgc cctttgtctt tgcggangtc    360

atgccgacgt ggtagatgga ttccagcaga cgatnggtct gtgcacaaat ccattcancg    420
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989

ttcccttgat tcgttnggct   440

<210>   1493

<211>   433

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (320)..(395)

<223>   n=unknown

<400>   1493
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aggtgcccac tgagcatcaa agtggatatg ttaagcaggt attggatgta caaatctaaa   120

ttcagtaagg tcagtccagg agaaaatttg gggagtagtt agccatggga tcagatgggc   180

gctttaggga cactttggag atgaagtaca gcactgagcc ctgagttcct gtgacagaga   240

agcagcctgc aaagacgaaa ggaggagctg ttaggaagag caaggcaaca gaaaaggaag   300

aaccagcatg ctgattatgn tcaggagagt gtttctacgc tgaatttaat tgccaagatt   360

accaattcta aagaagagga ggactcttgg acaanttttt agaagttggg tttggagctg   420

gggtgagagc ctg   433

<210>   1494

<211>   409

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (294)..(386)

<223>   n=unknown

<400> 1494
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tgtaggaggg caggagtgga tgcaaggaca gcagacatta gtgcaggagt tcaggtgaaa   120

gatgataata gcttggacag agtggtagca gtggacatgg agggaggtag acagatttaa   180

gatgtctcgg agacagctga tggaatttgc tgataactgg aatgggagtg acaatgacaa   240

ataaaggaac ctagaataag ccccagaatt ttgcttaagc aactgagagt tcanccatgg   300

cagatctgtt aagcacnaaa gttaaacaca aatacnaatt catactgcat tggactcttt   360

taagcagtgt cntatagaaa aaacantta tctagggaaa aatgcaaca   409

<210> 1495

<211> 457

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (342)..(342)

<223> n=unknown

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ggcaacaggg cttgtagggg gagagaccag gatcatcaag gggttcgagt gcaagcctca   180

ctcccagccc tggcaggcag ccctgttcga gaagacgcgg ctactctgtg gggcgacgct   240

catcgccccc agatggctcc tgacagcagc ccactgcctc aagccgtggc cgctacatag   300

ttcacctggg gcagcacaac ctccagaagg aggagggctg tnagcagacc cggacagcca   360

ctgagtcctt cccccacccc ggcttcaaca tcagcctccc caacaaagac caccgcaatg   420

acatcatgct ggtgaaagat gggatcggca gtctcca   457

<210> 1496

<211> 417

<212> DNA

<213> homo sapiens

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agatgaagaa tttcaacgaa ccaaactttt aaatggaccg ggagatgttg aaacgggtac   120

aagcataaca gtacctcaga aaaagtggtt gcattttatt tcacccattt ttgttcaagc   180

tcttacatta acattcttag cagaatgggg tgatcgctct caactaacta caattgtatt   240

ggcagctaga gaggacccct atggtgtagc cgtgggtgga actgtggggc actgcctgtg   300

cacgggattg gcagtaattg gaggaagaat gatagcacag aaaatctctg tcagaactgt   360

gacaatcata ggaggcatcg ttttttggc gtttgcattt tctgcactat ttataag   417

<210> 1497

<211> 541

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (461)..(535)

<223> n=unknown

<400> 1497
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aaaaaaagag gaagaatgac ctggcagaca gttcttgttg tgccatgtta ttgatataac   180

agcaatatca tatatgtctc ttttttaaa cacctagttt tgaaaagacc aatgattaaa   240

ctactgttta ctggctcagg gaaatgtttt aagaaataga aattaattca ttctttcccc   300

aagaaaaact ttaaggtaaa catcttaaaa cacctaagtg atgaaggaga aaatttgtat   360

tccttaaaaa ggggtcagtg ctgaaagaaa attgcatggt agaccccact gcacaacggt   420

tctgcaccaa aagaaaaatg aggaccatat taacataatt ntgttggaga gaagaaaaac   480

ccacacttag aagtcaggtt ctttaaaact ccttgttacc aaatagaatc natgnttata   540

992

t   541

<210> 1498

<211> 381

<212> DNA

<213> homo sapiens

<400> 1498
agacaacaga cagcagcatt cattcatagg atcaactaac aaccatgtgg tgaggaattc   60

aagagctgaa ggacaaacac tggttcagca caggcgtgtc tccttcaagg gggtctctga   120

gaacttctct gggtagtgga tttggctctc cgtcagtgac cgaccccga cctctgaacc   180

ccagtgcata ttcctccacc acattacctg ctgcacgggc agcctctccg tactcacaga   240

gacccgcctc cccaacagct atacggcgga ttgggtcagt cacctcccgg cagacctcca   300

atcccaacgg accaacccct caataccaaa ccaccgccag agtggggtcc cactgaacct   360

gacggatgca cagactcgag t   381

<210> 1499

<211> 344

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (200)..(322)

<223> n=unknown

<400> 1499
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ccagctccag ccgataggac aggttcctca gggtgcacac gcagttctcc accgtcttgc   120

tgtcgtaatc ggatgtgttc acacacgtgt ggatcacata caacagtgag tctaccagcc   180

cctcgcagga ccgcatttgn ttccgagctt cttcccccgc ggagcngang ttccttaggc   240

aacctgtcgt gttacgcnga actagtgaag tctgaaattt aattttatga tcatcatcna   300

aagaagagtt attccntcca gnatgtggaa caatccacag tggt   344

993

<210>	1500

<211>	440

<212>	DNA

<213>	homo sapiens

<400>	1500
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ctctgcggtc agtgacaaac tgagatggcg gatgaaggag gaaatggatc gtgcccaggc   120

agagctcaat gccttgaaac gaacagaaga agacctgaaa aagggtcacc agaaactgga   180

agagatggtt acccgtttag atcaagaagt agccgaggtt gataaaaaca tagaactttt   240

gaaaaagaag gatgaagaac tcagttctgc tctggaaaaa atggaaaatc agtctgaaaa   300

caatgatatc gatgaagtta tcattcccac agctcccctta tacaaacaga tcctgaatct   360

gtatgcagaa gaaaacgcta ttgaagacac tatcttttac ttgggagaag cttgagaagg   420

gggcgtgata gacctggatg   440

<210>	1501

<211>	422

<212>	DNA

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<223>	n=unknown

<220>

<221>	misc_feature

<222>	(396)..(409)

<223>	n=unknown

<400>	1501

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tattctgggc acctactgat aaaaggaaga gaagaatact ttaagaagag ctcaacctcc      180

agctggtatc agagaagtca gtagcgctca ctgagaccgg cagtctttct tgctttttgc      240

attagtgccc tcagctggaa ctgtttacgg gacagaagac gtacatgctt caggaagaca      300

tccaggtcta tcacgcccct tctcaaggct tctcccaagt aaaagatagt gtcttcaaca      360

gcgttttctt ctgcatacag attcaggatc tgtttngcan nngggagcng tgggaatgat      420

aa                                                                     422


<210>   1502

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<212>   DNA

<213>   homo sapiens


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<222>   (178)..(178)

<223>   n=unknown


<220>

<221>   misc_feature

<222>   (290)..(392)

<223>   n=unknown


<400>   1502
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acaaccattt acttggtgta aagaacttaa tttcagtata aactgactct gggcagcatt      120

ggtgatgctg tatcctgagt tgtagcctct gtaattgtga atattaactg agatagtnaa      180

acatggtgtc cggttttcta ttgcattttt tcaagtggaa aagttaacta aatggttgac      240

acacaaaaat tggtggagaa attgtgcata tgccaatttt ttgttaaaan cttttgtttt      300

gnactatact gctttgagat ctcattcaga agaacggcat gaacagt                    347
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<210> 1503

<211> 591

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (583)..(583)

<223> n=unknown

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ctaagcaaca tacatacatg ttcagttgta agatgttaac taaatttctg tgacaaatat   120

gctttttttt taataccaag aacattatag agttaatgca gagtcctaag gataatctag   180

tagtcactaa gttttctta agtcttcact ttagatgctg ttatttctag cacaattaag   240

caggcagagt ctttcatatg ctcaaacact ggaatctttg gttgctacca tatcagctgg   300

cttgcagaca agaagccaac cattttaaga atgtttaag tgaacaactt gcaaacccca   360

gggatggaaa aaccctaaga atgcacaatt gtgagcattt aacaaccatc acaactgtgg   420

ctgaagactg ttcatgccgt tcttctgaaa tgagatctca aagcagtata gttcaaaaca   480

aaaggtttaa caaaaaattg gcatatgcac aatttctcca ccattttgt gtgtcaacca   540

tttagttaac ttttccactt gaaaaaatgc ataggaaacc ggncaccatg t   591

<210> 1504

<211> 360

<212> DNA

<213> homo sapiens

<400> 1504
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cttggagtta tccaagcagc tgcgccccta gctgggatct ggtacctgga ctaggctaat   120

tacagcttct ccccaacagg aaactgtggg atttgaaaag gaaagggaag ggaaaacaga   180

gaacctagtg gtctaccaag tggttggcaa ctttcccaat gtctgcttac tctgaggctt   240

996

ggcactgggg gccagggcct gccccagggc tcctggaatt tcccttgatc cagctaggct   300

gggacactcc ctaaatcagc tgcgtgttgt tagcatcagg cagaatgaat ggcagagagt   360

<210>   1505

<211>   425

<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (318)..(336)

<223>   n=unknown

<400>   1505
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agctggatca agggaaattc caggagccct ggggcaggcc ctggcccca gtgccaagcc   180

tcagagtaag cagacattgg gaaagttgcc aaccacttgg tagaccacta ggttctctgt   240

tttcccttcc ctttcctttt caaatcccac agtttcctgt tggggagaag ctgtaattag   300

cctagtccag gtaccagntc ccagctaggg gcgcantgct tggataactc caagaaaacc   360

tgggcaccag tattttttcca attataagga ctgtggcata aatttttaaa tgagcggacg   420

cgtgg   425

<210>   1506

<211>   453

<212>   DNA

<213>   homo sapiens

<400>   1506
gaccttccta ctgcccccct ctacaaggac gagaaggagc agctcatcat tccccaagtg   60

ccactcttca acatcctggc taagttcaat ggcatcactg agaaggaata taagacttac   120

aaggagaact ttctgaagcg cttccagctt accaagttgc ctccatatct aatcttttgt   180

atcaagagat tcactaagaa caacttcttt gttgagaaga tccaactat tgtcaatttc   240

997

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cctattacaa atgtggatct gagagaatac ttgtctgaag aagtacaagc agtacacaag      300

aataccacct atgacctcat tgccaacatc gtgcatgacg gcaagccctc cgagggtcct      360

accggatcca cgtgcttcat catgggacag gcaaatggta tgaattacaa gacctccagg      420

tgactgacat ccttccccag atgatcacac tgt                                   453
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<210> 1507

<211> 443

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (225)..(260)

<223> n=unknown

<220>

<221> misc_feature

<222> (405)..(428)

<223> n=unknown

<400> 1507
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ctgcttgctc caagaatccc aaggcttgat gtttggaagg aattatctgt tcttcaacta     120

ctcccagata ctcaagacat aagttacaca catctggaga agggttctgc cctgctgaag     180

ctagatggga gctcaatgca tgggagaaag gagcatcaat ctagnaaaaa atgatcaaag     240

acacanctga gtgnnaccgn gggtgcctcc caggcaagtg ggctcttggt gctctggtgt     300

agccagaacc catacaagct gggctggcct aggaagccca ccagccagcc tgtgttcagc     360

tacagcttct gtgttcttat ttaccatcat cagccacagc ccttnggagc aaagccctag     420

acgcctcntt caagcccccc gct                                             443
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<210> 1508

<211>   405

<212>   DNA

<213>   homo sapiens

<400>   1508
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ggactcggag ttgaaagcag atcaagggaa tccatatgat gctgacgaca tccaggagag   120

catttctcaa gagcttaaac cttgggtgtg ctgtgcccca caaggagaca tgatctatga   180

ccccagctgg caccatccgc ctccactgat accctattat tccaagatgg tctttgaaac   240

aggacagttt gacgatgctg aagattgagt gtggagcttt ctgccttgta ggtgggcggg   300

cctccacgtc aagatctctt ttcctgtctt ggaggtgaaa agtcatatct gagaaaatgt   360

ttgcagtgac ccctagtctg gggtacacag accagtgttc cttat   405

<210>   1509

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<212>   DNA

<213>   homo sapiens

<220>

<221>   misc_feature

<222>   (406)..(409)

<223>   n=unknown

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aggagagttt tctgtacttt gcctacggca gcaacctgct gacagagagg atccacctcc   120

gaaacccctc ggcggcgttc ttctgtgtgg cccgcctgca ggattttaag cttgactttg   180

gcaattccca aggcaaaaca agtcaaactt ggcatggagg gatagccacc attttttcaga   240

gtcctggcga tgaagtgtgg ggagtagtat ggaaaatgaa caaaagcaat ttaaattctc   300

tggatgagca agaaggggtt aaaagtggaa tgtatgttgt aatagaagtt aaagttgcaa   360

ctcaagaagg aaagaaataa cctgtcgagt tatctgatga caattncgna agtgctcccc   420

cattcc   426

999

<210> 1510

<211> 484

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (294)..(424)

<223> n=unknown

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catctttcca attttcaaaa tgttattatc aattgtctgc agattactct cattaagctg   60

attttaaaaa atctcagaca gagcagagca attcaccagc accatcatca agtgagctac   120

aaatctatct tttaccagag caaggagaca cttaagatca attcaagaga atagctttca   180

gtgttcacag aaggggtact cacattcatt tgtcacatat ttcaggccct catacacccc   240

ttttaaattg tctaactcct atcccagttt ctttttatag tctaaaaaca aggnatcacc   300

caagtaagat actccttcag agcactgctg aaaatggntc aaacgtggag atcccccaga   360

tccctgttct caagtgttaa aaatatttta tattagcaca tagaataccc ttagnntata   420

ttcnggtatg ttctaaagag gttgtgtttc cccctttttg atgatgtctt caatttcttc   480

tgag   484

<210> 1511

<211> 258

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (78)..(82)

<223> n=unknown